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Alumni Publication of the University of Maryland

Maryland magazine

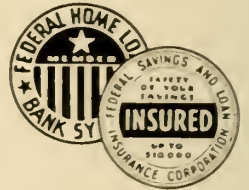


Volume XXXI Number One • November-December 1959

THE DEAN'S RETREAT • OUR DISTINGUISHED LAW ALUMNI • MEET YOUR NEW ALUMNI OFFICERS

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Cover: This is a picture of a world stilled by an insulating blanket of snow, where sounds are sorted out and each heard separately and distinctly—boots punching down the powdery stuff; a whirl of spinning tires; a laugh heard from far off; snow spraying off a nearby tree. Perhaps you remember waking to such a morning and standing before your open window to see a snowfall which had come during the night like a wondrous blessing over your Maryland.

PHOTOGRAPH BY LORE GROSSMAN

the
Maryland
magazine
Volume XXXI Number 1

NOVEMBER – DECEMBER • 1959

Alumni Publication of
the University of Maryland

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THE

ALUMNI DIARY

ANOTHER year and in some ways a fresh start is just around the corner. Perhaps it is well that this is so, for at this period of the year the look ahead and the anticipation of new hopes is quite often more attractive than the backward look. Such is the case as we reach for new inspiration in a struggle to achieve for others as well as for ourselves. This would be a tragic time of the year were it not for the new challenge which all of us find in an old story.

As a boy, I was told the story of Christmas and the significance which it holds for many around the globe. Now it is my turn to wish young and old alike the best and most significant Holiday Season each has ever enjoyed. At the same time, I can recall the wiping of the slate as the past was lost in preparation for the new. With each approaching year there comes to mind a little poem. The author is lost to me. Perhaps it will have the same meaning for you as we combine wishes for both Christmas and the New Year.

*"He came to my desk with quivering lip—
The lesson was done.
'Dear Teacher, I want a new leaf,' he said,
'I've spoiled this one.'"
'I took the old leaf, stained and blotted,
And gave him a new one, all unspotted,
And into his sad eyes smiled,
'Do better, now, my child.'"*

How sincerely I trust that the forthcoming year may be good to you and even better for our Alumni Association. Perhaps the challenge will be found in the portrait of Joan d'Arc presented by the "Depression" class of 1932 displayed on the wall opposite my desk. Again it may be in the life story of a fellow alumnus who for half a century was a country doctor, a community friend and our family physician. The numbing news of his tragic death came swiftly and unexpectedly only a few short months after he had been honored by the Governor, his community and national officials for his devotion to his fellow man. Only the suddenness with which the past can end could make the present and the future so vital and significant. Now life is in focus, every day becomes important. Pages that are days in a bright new year are ready for turning.

Yes, Christmas is a wonderful time. We send our wishes, hearty and new in the same old way. We turn in a tired and worn year for a fresh, new start. As we think together, hope together and pray together, we shall perhaps find it easy to pick up the thread of the old poem as it concludes.

*"I went to the throne with quivering soul—
The old year was done,
'Dear Father, hast Thou a new leaf for me?
'I've spoiled this one.'"
'He took the old leaf, stained and blotted,
And gave me a new one all unspotted,
And into my sad heart smiled,
'Do better, now, my child.'"*

As time-worn as it may sound we repeat the age-old greeting, Merry Christmas to all and may the light of the New Year shine ever bright upon you and yours.

As ever,

DAVID L. BRIGHAM
Alumni Secretary



ALUMNI AND CAMPUS NOTES



Introducing Members of the 1959-60 Alumni Council

THE LADIES AND GENTLEMEN PICTURED ABOVE are members of the Alumni Council, governing body of our Alumni Association. Seated left to right are Joseph H. Deckman, '31, Past President; Miss Mary Arabian, '44, President, School of Law Alumni; Frank Block, '24, Immediate Past President; Dr. William H. Triplett, '11, Representative of the School of Medicine and current Vice President; Mrs. Elizabeth Rohr Singleton, '47, Representative of the School of Nursing and current Vice President; Harry A. Boswell, Jr., '42, Representative of the College of Business & Public Administration and current President; David L. Brigham, '38, Secretary-Treasurer; Judge J. Gilbert Prendergast, '33, Past President; Dr. Albert E. Goldstein, '12, Past President; and Dr. Frank Bentz, Assistant in the University's Office of the President, and a guest of the Council at this meeting.

Standing members include representatives of schools, colleges, and alumni clubs: William H. Evans, '26, U.S.D.A.; Dr. Samuel Bryant, '32, Dental School; Dr. Thurston A. Adams, '34, Medical School; Mrs. Agnes McNutt-Kricker,

'31, Home Economics; Ben Dyer, '31, Engineering; Thomas E. Bourne, Jr., '43; Business and Public Administration; Egbert F. Tingley, '27, Prince Georges County; Frank J. Slama, '24, Pharmacy; Francis X. Chapman, '50, Cecil County; Arthur B. Hamilton, '29, Agriculture; Mrs. Norma S. Long, '49, Nursing School; Dudley D. Taylor, '51, Engineering; Mrs. Kathryn P. Donnelly, '48, Nursing; Mrs. Geraldine P. Edwards, '31, Home Economics; Judge Ralph G. Shure, Montgomery County; Mrs. Erna R. Chapman, '34, Home Economics; Harry E. Hasslinger, '33, Education; Mrs. Miriam L. Beall, '31, Home Economics; Hyman Davidov, '20, Pharmacy School; Miss Clara M. Dixon, '34, Education; Dr. Harry Levin, '26, Dental School; Samuel I. Raichlen, '25, Pharmacy School; Charles H. R. Merrick, '26, Arts & Sciences; Clayton Reynolds, '22, Agriculture; James W. Stevens, '19, Terrapin; Chester W. Tawney, '31, Business & Public Administration; G. Watson Algire, '30, Education; Layman J. Redden, '34, Law School; David Bien, '29, Baltimore Club, and Robert W. Downes, Jr., '46, North Eastern Shore.

M CLUB AWARDS BANQUET

President of the "M" Club, Hotsy Alperstein, appointed Messrs. Lawrence Smallwood and C. Robert Boucher as Co-Chairmen for the Ninth Annual "M" Club Banquet. The affair will be held on December 5 at the Statler-Hilton Hotel in Washington, D. C., starting at 7:30 p.m. Other club members who will serve on the banquet committee are: Jay Phillips, Charles Beebe, Joseph Deckman, James Kehoe, Kenneth Maskell, George Knepley, Charles Herbert and Harvey Simms.

General Bernard A. Schriever, Chief of Air Force Air Research and Development Command, has been selected to receive the Club's highest annual award, the "Distinguished Service Award."

Honorary "M" Awards will be given to Richard E. Koester, past Terrapin Club President and present President of Koester Bakery in Baltimore; Robert Campbell, University Swimming Coach, and Edward R. Carr, one of Washington's leading business and civic leaders; David L. Brigham, Director, Office of Alumni Relations; and Gen. Schriever.

Recipients of the Charles P. McCormick award, the Talbot T. Speer award and the A. V. Williams award also will be announced at a later date.

An integral part of the program will be the presentation and the induction of the new members into the "Maryland State Hall of Fame." Governor Tawes is Honorary Chairman of the Selection Committee.

Other awards to be given at the banquet will be the All-American awards, Jim Tatum Memorial Award, and the Atlantic Coast Conference Award.

Jimmy Gibbons, well-known T.V. and radio personality and the Voice of the Washington Redskins, will be the Toastmaster.

Monsignor (Maj. Gen. Retired) Patrick J. Ryan will give the Invocation and Benediction.

RALPH G. SHURE NAMED CIRCUIT JUDGE

Judge Ralph G. Shure of the Class of 1932 has been named to the Circuit Court, Court House, Rockville. The new Judge represents the Sixth Judicial Circuit and is a Past President

AL DANIELS, Photo Lab



BALTIMORE CLUB OFFICERS and Program Committee members lay the ground work for their January 20 Charter Day Commemorative Banquet. Seated left to right are James W. Stevens, '19; Charles F. Ellinger, '37; Committee Chairman Samuel A. Goldstein, '30; David L. Brigham, '38; President David W. Bien, '29; Co-Chairman Florence Ray McKinney, '36; Alumni Association Vice-President and Club Secretary Dr. William H. Triplett, '11; and John Lampe, '50.

MARYLAND BOOKS AND AUTHORS

THE EDITORS WISH TO ANNOUNCE A NEW REGULAR FEATURE FOR *The Maryland Magazine* which will commence with the January-February issue. This is Maryland Books and Authors, a review of books authored by alumni and faculty and books written by persons outside of the University Community but whose texts deal with the University or the State.

At present, the Book Review Editor is compiling a list of books written by alumni and faculty. This is an invitation to you to inform the Review Editor of books currently being written, soon-to-be published, or published.

All memoranda and materials should be sent to Mrs. Harold Hayes, Head, Maryland and Rare Books Department, McKeldin Library, University of Maryland at College Park. Mrs. Hayes will act as Book Review Editor.



JUDGE SHURE

of the Montgomery County Bar Association and the University M Club. He is a former member of the House of Delegates, a former Trial Magistrate, a Past President of the University's Arts and Sciences Alumni Chapter and at the present time is serving as President of the Montgomery County Alumni Club.

In addition to those organizations which he has headed, Judge Shure is a member of Delta Sigma Phi, the Maryland State Bar Association and the Terrapin Club. During World War II he served as a Lieutenant in the U. S. Navy in both the Atlantic and Pacific Theatres. His Law degree is from Georgetown in 1936. The Judge is married and has two children.

(Continued on page 21)

A Year of Alumni Decision

President Boswell Calls for Greater Alumni Interest and Participation

THIS IS A YEAR OF DECISION, in fact of two decisions—both concerning you. First, we want you to help us decide what programs the Alumni Association should undertake. Second, we would like you to indicate any way in which you would be willing to serve actively.

My ambition as your President is to see our alumni, individually and as an organization, render a maximum service to the University of Maryland. We hope to improve communications between our Association, the alumni and the University. In addition we want every alumnus to have the opportunity to render assistance in the specific area of interest which concerns him most.

The Alumni Association has a long history of service to the State and Nation of which every alumnus of the University can be justly proud. There is every reason that this pride in our alumni and in the University should continue to grow. We hope to be able to supply each alumnus with information which will enable him to tell this story of our tradition of progress and of our hopes for the days ahead. The effectiveness with which we are able to accomplish rests in large measure with the decisions of direction and assistance which you make for us. We anticipate an expression of your interest by letter or card so the year ahead may be one of constructive action as well as decision.

BIOGRAPHIES OF NEW ALUMNI OFFICERS ARE LOCATED
ON PAGES 14 AND 15.



The Dean's Retreat

In a Pastoral Setting, Students, Faculty and Administrative Personnel Examine Together the Tensions and Responsibility of University Life

Photographs by Al Danegger

THE SETTING IS A WOODLAND CAMP. BLUE SKY, a quiet river, and tall trees frame an open field. A small boat tied to a pier rocks serenely across a pattern of miniature waves. Woods wearing summer green move restlessly under the cool air of approaching autumn.

The Executive Dean for Student Life reclines on a green lawn, cigarette in hand, and faces a small group of the campus' leading students. He talks easily about the honor system, developing his thesis, responding courteously to questions and occasionally parrying a rather well-aimed thrust.

Nearby the Episcopal Chaplain, normally seen in clerical garb, stands with his hand in his blue jeans, talking with two youths from Western Maryland, a professor of chemistry, and the Manager of the Student Union.

Such scenes were typical of the "Dean's Retreat," named for its originator, Mr. B. James Borreson, Executive Dean for Student Life. The site was Camp Letts, owned by the Young Men's Christian Association, and located on Rhode River near Annapolis. More than 100 persons worked together and played together September 10 and 11 in this second annual retreat from the complexities and problems of the University life.

Representatives of the student body, the faculty, and the administration came together to examine and evaluate the factors which compose their collective life. It was the one time during the academic year when close contact and interchange among these three major groups comprising the University community was possible.

If the alumnus reading this article will pause for a moment to recall his own student days, he may remember the hurrying madness known as registration when he saw his advisor only long enough to obtain his signature on two or three cards; classes meant the race across campus to make an 8 o'clock, pausing for the 50-minute lecture, and then off again to some other part of the campus for the next lecture. Innumerable "must" activities and the avalanche of books and their required study made slim any chance of real personal contact with any of the teaching staff. The administration remained a group set apart to be read about only in the pages of the *Diamond-back*.

IN A UNIVERSITY COMMUNITY WHICH IS CONCERNED with the education of a very large number of people, it is especially necessary that the worth and importance of the individual not be submerged. The responsibilities of each of the members making up the community grow as the university grows, isolating him to a degree from the activities carried on by another group on another part of the campus. The "Dean's Retreat" is an attempt to impregnate this atmosphere of "impersonal co-existence" with the warmth of human contact and relationships.

This second conference (the first was held last year) adopted the theme "Areas of Tension on the Campus." We asked Dean Borreson why this theme was chosen, and he explained:

"Tensions are an inherent part of life on a campus the size of this one—they are built into the system: tensions between faculty and students, students and administration, students and students, faculty and administration. They come about because face-to-face contact with each and every person is not possible. Conflict, too, is inevitable. Some conflict often brings about improved conditions, but unfortunately conflict is sometimes nonproductive. The key to unlocking tensions and resolving conflicts is bringing people together for face-to-face interchange in an atmosphere where the perspectives of the different groups can be presented and discussed with respect to the identified areas of tension on the campus. These discussions bring about increased insight into existing tensions and provide the participants with the tools for dealing effectively with them."

The participants of this year's conference included undergraduate student leaders such as Bob Yellowlees, President of the Student Government Association, and Harriet Husted, President of the Associated Women Students. Other student leaders represented student publications; members of Mortar Board and Omicron Delta Kappa participated; the religious groups, Panhellenic and Interfraternity Council were represented, in all, a total of about 50 students. Faculty residents (graduate students who act as counselors in the men's dormitories) and members of the faculty and the administration totalled another 50.

From Thursday morning to Friday noon the participants joined together in a casual and relaxed atmosphere which fostered a free exchange of ideas about the topics under discussion. A social program was also arranged which included square dancing and community singing. To Miss Julia Billings, Assistant Dean of Women, goes much of the credit for program arrangements.

According to Miss Billings, the program was oriented toward gaining an understanding of the types of problems that exist on the campus and their solutions. An important part of all the discussions was the discovery of the different points of view which existed in relation to a single problem. Students,





The Dean's Retreat

Continued

faculty and administrators felt free to point out the aspects of a problem which were of deepest concern to them in their particular capacity. The success of the conference grew mainly out of this uninhibited airing of opinions.

SESSIONS OF THE CONFERENCE BEGAN WITH ALL PARTICIPANTS getting together for a general meeting, some of which subsequently broke up into small discussion groups. There were five general sessions during the two-day retreat. Topics considered were: 1) honor system; 2) communications media; 3) drinking problem; 4) retaining freshman enthusiasm; 5) dormitory-Greek relations; 6) faculty-student relations; 7) building respect for academic achievement; 8) validity of grades as a standard of achievement; 9) academic emphasis versus organizations, activities; 10) organizations—aims purposes, goals programs; keeping them from becoming lazy.

There was also a session which centered around the study of a hypothetical situation on an un-named campus. The par-



ticipants were asked to make decisions regarding the satisfactory solution of the situation.

The concluding meeting heard two addresses. Bob Yellow-
lees spoke on "Student Government—Its Structure, Programs
and Goals."

Dean Borreson took a "Long Look Ahead" into the grow-
ing complexity of ten years' growth on an already large
campus. He spoke of the future in terms of the University's
physical facilities and the ever-increasing campus population.
Of basic concern is the problem of the individual suddenly
finding himself one among thousands of people who have
little concern for him. Dean Borreson referred to "islands of
individuality," home bases from which the student might
proceed to the whole campus.

The results of the "Dean's Retreat" are difficult to express
in concrete terms. They are intangible and defy absolute
definition. One may say "renewed respect," "inspiration,"
"greater insight," and much more without saying everything.
One may also point to the solid achievement of last year's
retreat as a marker for the future, for out of that conference
grew the entirely re-vamped Freshman Orientation Program
of this year.

However it may be expressed, the "Dean's Retreat" is the
beginning of a system of bridges built across the existing gaps
of University life. Just as new sidewalks now bridge "Maryland
mud," so do these new bridges advance communication,
understanding and then, performance.





BALTIMORE CAMPUS UNIVERSITY OF MARYLAND

- | | |
|--|--|
| 1. UNIVERSITY HOSPITAL UH | 11. NURSES RESIDENCE NR |
| 2. PSYCHIATRIC INSTITUTE PI | 12. SCHOOL OF NURSING (WHITEHURST HALL) WH |
| 3. MEDICAL BUILDING (DAVIDGE HALL) DVH | 13. SCHOOL OF PHARMACY (DUNNING HALL) DH |
| 4. BRESSLER RESEARCH BUILDING BRB | 14. KELLY MEMORIAL KM |
| 5. SCHOOL OF LAW SL | 15. MEDICAL SCIENCES LIBRARY MSL |
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| 8. ADMINISTRATION BUILDING AB | 18. PLANNED FACILITY FOR ADMINISTRATION, BASIC SCIENCES AND PHYSICAL PLANT |
| 9. SCHOOL OF DENTISTRY SD | 19. PARKING GARAGE |
| 10. DENTAL CLINIC DC | |

▲ BALTIMORE CAMPUS AS IT LOOKS TODAY. The newly-acquired properties are located in the upper left and are numbered 18 and 19. Note also the completed appearance of the Medical Sciences Library, number 15, and the almost completed Union-Dormitory, numbered 17.

New Baltimore Properties Acquired

THE PURCHASE FOR \$1,700,000 OF THE BUILDINGS in the 600 block of West Baltimore Street and the 700 block of West Redwood Street, commonly referred to as "the Hecht properties," opens a period of redevelopment and growth on the Baltimore campus.

The newly-acquired properties will provide approximately 256,000 square feet of floor space for use by administrative and service personnel and by the basic science departments in medicine.

The properties consist of the new and old Hecht buildings (actually considered one building in terms of use), 196,000 and 60,000 square feet respectively; an elevated parking garage (capacity 335 automobiles), 110,000 square feet; and two small warehouse-type buildings. The properties are situated over 2.1 acres.

The University acquired these properties when the Hecht and May corporations merged and the new organization decided to discontinue store operations in the area.

The properties are of value to the University because.

- the basic science departments serving the School of Medicine are located in overcrowded quarters in three sepa-

rate buildings and require additional space;

- maintenance, custodial and receiving units are scattered in at least six buildings owned by the University and in a number of rented properties; the moving of administrative, custodial and basic science units to the Hecht building will permit centralization of these activities and will free additional space in the University Hospital and in various buildings now used by the School of Medicine. The space thus freed will be used for research and Hospital purposes, thereby meeting some of the many needs of the School of Medicine.

- a great need for parking facilities existed. No University parking was available for part-time and visiting physicians, or instructors, patients, students, or employees.

- location on the western boundary of the proposed campus redevelopment area made acquisition of the properties important to the future development of the campus.

The University is presently engaged in preparing detailed plans for the renovation and use of the buildings. Funds for the renovation are being requested in the 1960-61 Capital Improvements Budget. Major renovation construction is expected to begin about July 1.



Edmund S. Burke WHO SERVED NINE YEARS ON THE BOARD OF Regents, resigned June 30.

At the meeting of the Board in May, Mr. Burke was presented a silver plate commemorating his service. Engraved on the plate was the signature of each member of the Board representing a token of the esteem which each held for Mr. Burke. Mr. Charles P. McCormick, Chairman of the Board, speaking on behalf of all its members thanked Mr. Burke for his very fine service and invited him to return at any time to visit with them. Mr. Burke expressed the genuine meaning that his service with the Board had had for him.

Earlier, the Corps of Cadets had given a special salute to Mr. Burke during the AFROTC program. The citation said in part: "Mr. Burke's resignation from the Board of Regents will be felt deeply. We congratulate the University for its good fortune in having had his services. To Mr. Burke, we extend our sincere wishes for future health and happiness."

Mr. Burke expects to retire to his farm in Connecticut.

One Regent Retires; Two Appointed



Mrs. John L. Whitehurst HAS RECEIVED HER SECOND APPOINTMENT to the Board. Mrs. Whitehurst previously served 22 years with the Board in the capacities of Secretary, Vice Chairman of the Board, and Chairman of the budget, hospital, and medical school and nursing school committees.

She is a nationally known civic leader and clubwoman. She has been President of the General Federation of Women's Clubs and a Regional Director for the Association of Governing Boards of State Universities and Allied Instruction. She served in an advisory capacity on 31 national boards between 1941 and 1944.

Widely travelled, Mrs. Whitehurst visited Great Britain, Mexico, Cuba and the Dominican Republic during World War II as guest of these governments.

She represented the United States at the World Health Organization in Geneva, Switzerland in 1950, by appointment of the President of the United States and was later sent by the government to England to study civil defense.

Mrs. Whitehurst is an expert on reciprocal trade agreements, parliamentary law, public speaking and Americanism. She has lectured throughout the United States and in many foreign countries.



Judge William C. Walsh IS THE NEWEST MEMBER OF THE UNIVERSITY'S Board of Regents. Long active in legal, civic and business affairs of the State, Judge Walsh brings to his new post a wealth of experience in responsible leadership.

Born in Cumberland, he was educated at Mount Saint Mary's College, Emmitsburg, and obtained his LL.B. degree from Catholic University Law School. An LL.D. degree was awarded him in 1930 by Mount Saint Mary's College.

Judge Walsh served with the Maryland National Guard on the Mexican border in the summer of 1916 and was in France during World War I, serving as a First Lieutenant.

Admitted to practice law in Maryland in 1913, Mr. Walsh became City Attorney of Cumberland in 1920. He was Associate Judge of the Fourth Judicial Circuit of Maryland in 1921 and from 1924 to 1926 was Chief Judge of the Fourth Judicial Circuit. From 1931-1935 he was State Insurance Commissioner of Maryland. He was elected Attorney General of Maryland in 1938 for a four-year term and was re-elected in 1942. In 1945 he resigned to devote his entire time to private practice. He is a member of the law firm of Miles, Walsh & Stockbridge.

Our Distinguished Law Alumni

Recent Appointments and Elections to the State Bench, Bar and Administration

GODFREY CHILD

GODFREY CHILD, LL.B. '17, HAS BEEN appointed Judge in Pocomoke City, Maryland, the city in which he has practiced law continuously since 1920.

Judge Child was born in Stockton, Maryland, in 1894. He holds an A.B. degree from St. Johns College, Annapolis. Serving in World War I, he achieved the rank of Captain; in 1923 he organized a National Guard company in Pocomoke City and served in the Maryland National Guard for ten years.

Judge Child served eight years as State's Attorney for Worcester County; he is a Past President of the Worcester County Bar Association and Past Vice President of the Maryland State Bar Association. He is a member of the Pitts Creek Presbyterian Church, Pocomoke City; a 32nd Degree Mason and member of Bouni Temple of the Mystic Shrine; he is a Past President of Pocomoke Rotary Club and a member of Pocomoke City Elks Club.

Married in 1924 to Louise Byrd of Pocomoke City, they have two children. Godfrey B. Child, a graduate of the University of Maryland, and Mary Alice Child, a graduate of Duke University.

J. GILBERT PRENDERGAST

J. GILBERT PRENDERGAST, LL.B. '33, has recently assumed new duties as Judge on the Supreme Bench of Baltimore City. Mr. Prendergast was for years in private practice as a member

of the law firm of Clark, Smith & Prendergast.

He saw action in World War II with the Navy, serving as a Lieutenant. Most of the period from 1943 to 1946 he spent in the Pacific where he received the Presidential Unit Citation.

Judge Prendergast is a Fellow of the American College of Trial Lawyers, a member of the American, Maryland and Baltimore City Bar Associations. He has been Vice President of the Maryland Bar Association and a Past President of the Alumni Council.

He and his wife have four children. The oldest boy entered the University of Maryland Medical School this year.

O. BOWIE DUCKETT

O. BOWIE DUCKETT, LL.B. '28, NOW serves as Judge in the Fifth Judicial Circuit, Anne Arundel County. Judge Duckett is also a graduate of the Judge Advocate School, University of Michigan.

He is a native of Anne Arundel County, born there in 1903. Admitted to the Maryland Bar in 1928, Duckett has practiced law for more than 25 years with extensive trial experience before numerous courts and boards. In 1950 he was appointed Special Assistant Attorney General to organize and administer the law against communists and subversives. His fair and efficient administration of this difficult task brought him state-wide recognition.

Duckett was commissioned a Captain

in the Army during World War II and saw action in the New Guinea campaign and the Philippine invasion.

He is a member of the American, Maryland, and Anne Arundel County Bar Associations. He is a former President of the Southern Maryland Society and of the Housing Association of Annapolis and Anne Arundel County.

JAMES J. LINDSAY

A 1922 GRADUATE OF THE UNIVERSITY of Maryland School of Law, James J. Lindsay is now Judge in the Circuit Court for Baltimore County.

Judge Lindsay served with the United States Navy in World War I, being discharged with the rank of Ensign. Following his military service he entered the Law School in 1919 and was admitted to the Bar in October 1921.

He was elected to the Maryland Legislature as a member of the House of Delegates in 1924 and served continuously until 1933, during which time he served as Democratic Floor Leader. In 1938 he was elected to the Senate of Maryland from Baltimore County and served in the 1939, 1941, 1943, and 1945 sessions. He was Majority Floor Leader in the 1943 session of the Senate and President of the Senate during the session of 1945 and special session of 1946.

Judge Lindsay practiced law in Baltimore City and Baltimore County until his appointment to the bench earlier this year.

JUDGE CHILD

JUDGE PRENDERGAST

JUDGE DUCKETT

JUDGE



HARRISON L. WINTER

HARRISON L. WINTER, LL.B. '44, is the City Solicitor for Baltimore. Mr. Winter brings to the post a background of extensive experience in Maryland law.

He was employed as a bill drafter in the Department of Legislative Reference during the 1945 and 1947 sessions of the General Assembly. In 1946 he entered private practice as an associate of the law firm of Miles, Walsh, O'Brien & Morris. That year he was also appointed an Assistant Attorney General and served in that capacity until 1951. During that time he prepared and argued cases in the trial courts of Maryland, the Court of Appeals of Maryland and the United States Supreme Court. Upon his resignation as Assistant Attorney General, Mr. Winter became a partner in the law firm which later became Miles & Stockbridge. In the period 1954-1955 he served as Deputy Attorney General of Maryland.

Mr. Winter is a member of the Baltimore City, Maryland State and American Bar Associations. He is also active in civic and church affairs. He served for one year as instructor in the University Law School where he taught a course in contracts. He is presently a trustee of Roland Park Country School and a member of the Committee on Canons of the Protestant Episcopal Diocese of Maryland.

Mr. Winter is married and has two daughters.

J. HAROLD GRADY

J. HAROLD GRADY, MAYOR OF BALTIMORE, is a 1942 graduate of the School of Law. He is also a graduate of Loyola College in Baltimore, where he earned a B.A. degree, magna cum laude.

He served with the FBI four years, receiving a commendation from J. Edgar Hoover during that time. In 1946, Mr. Grady began the private practice of law in Baltimore. In 1947, he was

appointed Assistant State's Attorney. He spent 12 years in the State's Attorneys' Office, becoming Deputy State's Attorney in 1955 and State's Attorney in 1956.

Mr. Grady has served as President of the State's Attorneys' Association of Maryland and as a Director of the National Association of Prosecuting Attorneys. He is also a member of many civic and fraternal organizations. He has been a law school instructor both at the University of Maryland and at the Mt. Vernon Schools of Law. He has served on the Executive Committee of the Alumni Association of the University of Maryland Law School.

Mr. Grady lives in the Northwood section of Baltimore with his wife and their four children.

GEORGE M. BERRY

JUDGE GEORGE M. BERRY, '32, WAS APPOINTED July 1, 1959, as Associate Judge of the Third Judicial Circuit of Maryland.

Born September 4, 1907, in Lutherville, Baltimore County, Judge Berry still resides there. His roots go deep into the life of the county, for he practiced law in Towson continuously since his admission to the Bar on November 15, 1932, until his recent appointment. He was educated in the public schools of the county, graduating from Towson High School in 1924. He continued his education at The Johns Hopkins University, receiving the Bachelor of Arts degree from that institution in 1928. He is a 1932 graduate of the University of Maryland School of Law.

In 1940, Judge Berry served as First Counsel of the Baltimore County Zoning Department. He was Counsel to the County Commissioners of Baltimore County from 1946-1950. From 1955-1957, Judge Berry was the Deputy County Solicitor for Baltimore County.

Judge Berry is active in state and county Bar Associations and is a past president of the Baltimore County Bar Association.

He is also an active member of the Episcopal Church.

Judge Berry is married and the father of two sons.

AMBROSE T. HARTMAN

THOUGH STILL IN HIS EARLY THIRTIES, Ambrose T. Hartman brings to the position of Deputy City Solicitor for Baltimore a background of considerable experience.

A resident of Baltimore for the past 13 years, Mr. Hartman was graduated with the 1951 Law School class, cum laude. While a student he was a member of the Student Editorial Board of the Maryland Law Review. He was admitted to the Bar of the Court of Appeals of Maryland in 1951 and to the Bar of the Supreme Court of the United States in 1954.

Mr. Hartman served as an Assistant Attorney General of Maryland for the period 1951 to 1955 under Attorneys General Hall Hammond, Edward D. E. Rollins and C. Ferdinand Sybert. During that time, he did extensive appellate work in both the Court of Appeals of Maryland and the Federal Appellate Courts. He also represented the various State agencies with regard to their problems, and handled a number of tax cases for the Comptroller of the Treasury and the State Tax Commission.

Assigned by the Attorney General to the General Assembly of Maryland for the sessions of 1952, 1953, 1954 and 1955, Mr. Hartman drafted legislation and advised and consulted with members of the General Assembly and the legislative committees.

From October, 1955, until he became Deputy City Solicitor in July, 1959, Mr. Hartman was associated with the law firm of Semmes, Bowen and Semmes, where he was engaged in the general practice of law.

Mr. Hartman is a member of the Junior Bar Association of Baltimore City, Bar Association of Baltimore City, the Maryland State Bar Association and the American Bar Association.

MR. WINTER



MAYOR GRADY



JUDGE BERRY



Meet Your New Alumni Officers

AL DANEGGER, head, photo laboratory



HARRY BOSWELL, JR.

HARRY BOSWELL, JR., '42, MOVED UP TO THE POST OF President of the General Alumni Council this year from his position of Vice President, which he held last year.

It has been said that if a job must be done, the already busy man will do it best. The adage fits Mr. Boswell perfectly, for it would be difficult to find a busier man. He is active in legal, political and economic affairs and is a well-known community planner in the area. In 1956 he was selected by the Maryland Real Estate Association as "Realtor of the Year." In that year also, he found time to visit Russia to consult with architects and planners of major Soviet cities.

Mr. Boswell served in World War II, with extensive command experience as an engineering officer, a combat pilot, and a test pilot.

Involved in many community activities, he is presently most active on the County Economic Development Committee; acts as Chairman of the County's regional Committee of the Health and Welfare Council. He is also Vice President of the Metropolitan Washington Health and Welfare Council.

He has served as President, officer or chairman of many organizations among which are President of the Maryland Council of Chambers of Commerce, President of the Maryland Real Estate Association and Vice President of the Maryland Real Estate Association.

His organizations include Omicron Delta Kappa, Phi Kappa Phi, Beta Gamma Sigma, Phi Eta Sigma, Pi Delta Epsilon, Sigma Chi, the Masonic Order, Jefferson Island Club, and the Terrapin Club.

Mr. Boswell was awarded the Evening Star Trophy for Civic Achievements in 1958 at a recent meeting of the Prince Georges County Civic Federation. Most recently, he was named by Governor Tawes to head the State Department of Economic Development.

AL DANEGGER, head, photo laboratory



ELIZABETH ROHR SINGLETON

MRS. ELIZABETH ROHR SINGLETON IS VICE PRESIDENT of the Alumni Council and a Past President of the Nurses Alumnae Association.

Awarded a Diploma in Nursing in 1947, she held the Nurses Alumnae Association scholarship and the Dr. Frank Marino scholarship for academic nursing as a student. Mrs. Singleton was also awarded the B.S. degree with a major in nursing education, graduating with honors from the College of Education. She has done graduate work at the University of Maryland and Johns Hopkins University.

Mrs. Singleton has been active professionally, serving at different times as Supervisor and Instructor of Auxiliary Personnel, University Hospital; Clinical Instructor, School of Nursing; and Director of Guidance and Coordinator of Student Personnel Services at the School of Nursing.

In addition to her membership in the Nurses Alumnae Association, Mrs. Singleton is a member of the Maryland League for Nursing and the National League for Nursing. She belongs to the Maryland State Nurses Association and the American Nurses Association. She is a charter member of Pi

chapter of Sigma Theta Tau—a national nursing honorary society—established this year at the University of Maryland.

Mrs. Singleton is also active as a member of the University Hospital Women's Board, the Women's Auxiliary to the Baltimore City Medical Society, the Junior Women's Club of Catonsville, and the Catonsville Community Concert Association.



AL DANEGGER, head, photo laboratory

DR. WILLIAM H. TRIPLETT

DR. WILLIAM H. TRIPLETT, VICE PRESIDENT OF THE Alumni Council, has long been active in University and alumni activities.

Graduating from the Baltimore Medical College in 1911, he served his internship in West Virginia Miners Hospital No. 2, McKendree, West Virginia. In 1912 he located in the Tug River coal field, where he engaged in general and industrial practice, leaving there in 1917 for service in the Army Medical Reserve Corps.

After service in Europe, he was discharged from the Army and in 1919 he returned to Baltimore, where he engaged in general practice. His association with the Department of Medicine, School of Medicine, began in 1924 and continued until he re-entered the Army in 1941, immediately becoming surgeon of the 29th Infantry Division with the rank of Colonel. He held that position until March, 1943, when he was relieved because of illness, a condition which ultimately resulted in retirement from the service.

His interest in alumni affairs has been very evident for many years. He has served in various capacities within the administrative structure of the Medical School Alumni Association, including the office of president in 1950. He served as the Executive Director of the Medical Alumni Association in 1954.

Dr. Triplett has also served as President of the Association of Military Surgeons of the United States. He is a resident of Baltimore and a veteran of both World Wars. He is active in all Masonic bodies, the American Legion, and wild life and sportsman's organizations.

Engineering Teachers Completing Doctoral Work under the Charles M. White Plan

TWO TEACHERS IN MECHANICAL ENGINEERING, Harold D. Cather and Clifford L. Sayre, have had grants from the "Helen B. and Charles M. White Fellowship and Loan Plan" established last year in connection with the Greater University of Maryland Fund, and both are working on the completion of their doctoral degrees.

Mr. Sayre's research is in the field of "Hydrodynamic Performance of Scoop-type Openings" and Mr. Cather's research is in the field of "Heat Power and Energy Conversion."

"This is a significant pioneering effort that we hope will become an important trend," according to Dr. F. T. Mavis, Dean of the College of Engineering. "We need vastly more doctorate work in engineering today to keep pace with the rapid advances of science, and this is the realistic way this is accomplished," he continued.

"We are grateful for the White Plan, and the interest of other institutions in it indicates that it will be followed by others," he added.

Since 1950 there have been about 600 doctoral degrees granted in engineering each year in America and it is reliably estimated by authorities in this field that three or four times this number will be needed to satisfy the needs of teaching, research and industry. For the teaching profession alone we should be turning out at least 1,000 new doctorates in Engineering each year. Dr. Mavis further pointed out that increasing the supply of teachers of high calibre with advanced degrees is the only means by which the current shortage of engineers can be overcome and the engineering profession as a whole can keep pace with the expansion of technology.

Greater University of Maryland Fund Tops \$200,000 in October

"IN LESS THAN TWO YEARS, THE alumni of the University of Maryland have contributed more than \$200,000 to the Greater University of Maryland Fund . . . a real testimonial to our overwhelming alumni loyalty, and the fine Fund organization," declared Dr. Albert E. Goldstein, '12, General Chairman of the Greater University of Maryland Fund.

During 1959, more than 1,500 alumni took part in the General Canvass, and there have been more than 6,300 gifts to date.

In August, there was mailed to all alumni a copy of the '59 Honor Roll

and a financial report showing the distribution of the Fund.

"Not only is the new Baltimore Union being furnished out of the Fund proceeds, but we have made a significant advance in the areas that assure our leadership as a University—in scholarships for outstanding students, and in the new field of faculty development," Dr. Goldstein continued.

"In my opinion," he added, "the Fund's value goes far beyond its fine financial record; we have started a strong flow of widespread and constructive goodwill for Maryland, and we have shown how well we can work together.

From here on, we can continue to build on a record of solid accomplishment."

"The first two years are always the most difficult," he pointed out.

He said that he wanted to commend everyone who had helped make the Fund successful, and he expressed the hope that even more alumni would find pleasure and satisfaction in participating in the General Canvass and contributing to the Fund.

The 1960 Program of the Fund will be launched around the first of the year, and there is every expectation that there will be substantial growth year by year now that the Fund has gained momentum.

Dr. Livingston Honored as a Distinguished Maryland Alumnus

THE ENTIRE TOWN OF GIBSON, North Carolina, poured out recently to a bountiful chicken dinner in honor of Dr. Everett A. Livingston of the Medical School class of 1912, who has practiced in Gibson for almost 50 years.

At the dinner tribute was paid to Dr. Livingston's long record of service by Dr. James J. Richardson of Laurinburg, President of the State Medical Society. Dr. Richardson said in part:

"Probably no physician in the State of North Carolina has given more diligently and charitably of his time than has Dr. Everett. Through the years he has visited the homes of the rich and the poor alike, and I am sure that none of us has any conception of the number of home deliveries he has done. In his



Dr. Livingston

office he has done very successfully surgery that could not have been done in our fine hospitals by someone less stout-hearted than he."

There was then presented to Dr. Livingston the Distinguished Alumnus award with the following citation:

"The University of Maryland joins the patients, friends and neighbors of Dr. E. A. Livingston of Gibson, North Carolina, in honoring him as an alumnus of the University who has maintained for almost half a century the finest traditions of the medical profession and has rendered an outstanding service to his community and to mankind."

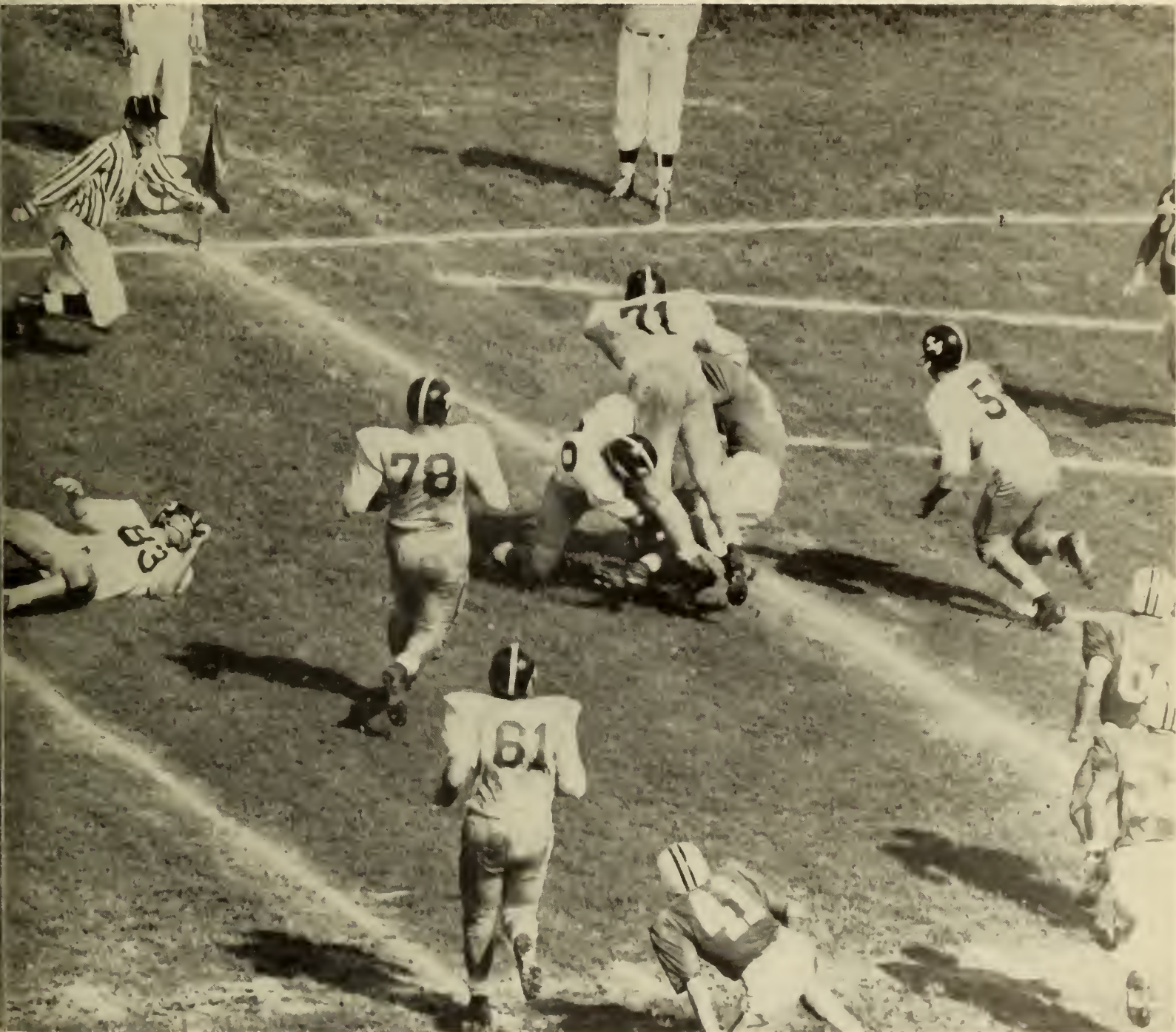
The citation was signed by Dr. William S. Stone, Dean of the School of Medicine, and by President Elkins.

UNIVERSITY SPORTS

By JOE BLAIR Sports Editor

Is He Over?

RAYMOND B. YOSKOSKY, '60



DICK NOVAK, MARYLAND QUARTERBACK, AT THE WAKE FOREST GOAL LINE. Officials ruled no touchdown saying he lost the ball before he went into the end zone. Players shown are 71, tackle Bob Smith; 40, halfback Jack Tesh; 78, tackle Wayne Wolff; 61, guard Nick Patella; 83, end Pete Manning; and 54, center Jimmy Lanier, all of the Deacons. Terps shown are 20, halfback Ev Cloud; 64, guard Tom Gunderman; 52, center Vic Schwartz; and 41, halfback Gene Verardi. What do you think? Final score, Maryland 7 - Wake Forest, 10.



HALFBACK BOB GALLAGHER TAKES THE WINNING TOUCHDOWN over his shoulder in Maryland's 14-7 win against North Carolina, October 17. The pass was tossed by Dale Betty, stand-out player throughout the Parents Day Game. Tar Heel defender Wayde Smith, to the immediate right of Gallagher, made his tackle at the goal line, but Gallagher's on-rushing momentum pushed him into touchdown territory.

13 Varsity Candidates Report to Coach Millikan

1959 Football Schedule

Maryland 27—West Virginia 7

Maryland 0—Texas 26

Maryland 0—Syracuse 29

Maryland 7—Wake Forest 10

Maryland 14—North Carolina 7

October 31 South Carolina
at Columbia

November 7 Navy
at Baltimore (8 p.m.)

14 Clemson
at Clemson

21 Virginia
Home (Homecoming)

December 5 N. C. State
Home

THIRTEEN VARSITY CANDIDATES REPORTED to Maryland basketball coach H. A. "Bud" Millikan October 15 as the Terps opened practice for the 1959-60 season. Millikan, who has brought national prominence to basketball at Maryland, is starting his tenth season as Terrapin coach. He has compiled a record of 144 wins against 79 losses.

The Terrapins will play a 20-game schedule and will compete in the Blue Grass Tournament in Louisville, Ky., during the Christmas holidays. The regular season schedule lists ten home games and ten away games.

Returning are five lettermen from the 1958 varsity, four of whom were on the starting five at the end of the season. Millikan lost four lettermen through graduation. Senior Pete Krukar, 6-1 guard from Ford City, Pa., was a starter at the close of the season. Graduates Gene Danko and Bill Murphy were first team at various times during the year. Also gone are Jim Halleck, the other starter at the close of the year, and Doc Weingarten.

With Krukar are Millikan's outstanding three-some of the past two years, 6-6 Charles McNeil, Pennsgrove, N. J.; 6-8 Al Bunge, Delanco, N. J.; and 6-2 Jerry Beehtle, Elizabeth, N. J.

Millikan promises a battle royal for the starting five. With McNeil, Bunge, Beehtle, and Krukar having the inside track at the beginning, the fifth spot is wide open. Leading candidates for the job are 6-7 letterman Bob McDonald, junior, Lansdowne, Pa.; 6-2 senior Jerry Shanahan, Pittsburgh, Pa.; 6-9 junior Bob Wilson, Freedom, Pa.; and 6-2 soph. a hold out last year, Bruce Kelleher, Wilmington, Del. Kelleher is highly regarded by Millikan.

Other candidates are 6-2 Paul Jelus, Camden, N. J., and 6-6 Ted Marshall, Johnstown, Pa., both held out last year with Kelleher. Up from the freshman squad are 6-1 Dave Schroeder, Media, Pa., and 6-2 Steve Alpert, Brooklyn, N. Y. A service returnee is 5-9 Mike Nofsinger, Westernport, Md.

BASKETBALL SCHEDULE ON NEXT PAGE

1958-1959 Sports Year—Part II

CONTINUED FROM THE SEPTEMBER-OCTOBER ISSUE

The indoor track team won its fourth Atlantic Coast Conference championship in a row. The title represented four crowns won in the five years of running the indoor meet. The Terps had individual championships in Don Whitaker, Larry Salmon, Jim Starboard, Bjorn Andersen, Tom Tait and Carl Prigg. They also won the mile and two-mile relays to wrap up the title by a big margin.

Coach Bill Campbell's swimming team continues to improve and their performance in the Conference meet gave indications that the 1959-60 team will be the one that perennial favorites North Carolina and Duke will have to watch more closely. They finished third in the final league standing with a five won and two lost record. For the season they won eight and lost five. In the individual Conference championships, Campbell had four champions. They were Thurlow Park in the 440 free style, Mike Vaeth in the 1500 meter free style and Bob Kohl won both the low and high diving titles.

IT WAS MARYLAND WHO ONCE AGAIN dominated wrestling in the Conference last winter. Coach Sully Krouse's matmen won the league title for the sixth year in a row. They have not lost a wrestling match in the Conference. For the season, they had five league victories and their overall mark was six wins and three losses. In the Conference tournament, Maryland won eight of the ten individual titles. The champions were Ray Osborne, Dick VanAuken, Ray Haney, Don Santo, Nick Biondi, Dick Besnier, Leroy Kennedy and Dick Dean. Santo was voted the outstanding wrestling trophy of the Tournament.

The 1959 spring sports schedule was a most successful one. The outstanding highlight was Maryland defeating arch rival Navy in all five contests; baseball, tennis, golf, lacrosse, and track.

The lacrosse team once again had a brilliant season with a team that Coaches Jack Faber and Al Heagy said did the finest job that any of their

lacrosse teams had done in a great number of years. Once again, they took the Conference championship as they have done each year and were voted as tri-national champions along

1959-60 Varsity Basketball Schedule

December	3	George Washington at George Washington
	9	Virginia Home
	14	Georgetown Home
	18	Wake Forest Home
	28-29	Blue Grass Tournament Louisville, Ky.
January	4	Yale Home
	8	South Carolina Home
	13	Georgetown at Georgetown
	16	Duke at Durham
	18	N. C. State Home
	20	Navy at Annapolis
February	3	North Carolina Home
	6	Wake Forest at Wake Forest
	10	Virginia at Virginia
	13	N. C. State at N. C. State
	15	Clemson Home
	18	Duke Home
	20	George Washington at Home
	23	North Carolina at Chapel Hill
	26	Clemson at Clemson
	27	South Carolina at Columbia

with Army and Johns Hopkins. The season was highlighted by a sensational 17-16 win over defending national champion, Army. The following week they played Hopkins with sole claim to the national championship at stake. The Blue Jays came up with their best performance of the year to hand the Terps their first and only loss of the season. They won ten. The outstanding individual was Junior Attackman Roger Goss who had 37 goals and assisted on 37 others. Other top performers were Jeff Keating, Al Spellman, Ab Tiedemann, Jerry Thelen, Buddy Waesche, Bob Schwartzberg, and Fred Kern. Tiedemann, Waesche, and Kern played in the all-Star game for the South.

THE OUTDOOR TRACK TEAM CAME through with one of the most brilliant seasons ever had at the University of Maryland. They won the Atlantic Coast Conference title for the third consecutive year and their fourth in five years. Jim Kehoe's outdoor teams have been undefeated in dual meets since 1955, a span that covers 20 Conference dual meet victories. In the Atlantic Coast Conference meet they won with a record breaking point score of 106½ points. This was more points scored than all the other seven schools put together. They had seven individual title winners. They were Butch Spiegel in the 100, Don Whitaker in the 220; Bill Johnson, 120 yard high hurdles; Larry Salmon, 220 yard low hurdles; Bjorn Andersen and Carl Prigg tied for pole vault title; Tom Tait, high jump; and Nick Kovalakides, discus. In the ICAAA championships in New York, Maryland came through with its finest performance as it finished second to Penn State. The Terps had four individual champions in Kovalakides in the javelin, Johnson in the high hurdles; Tait in the high jump, and Andersen in the pole vault. Six of the boys represented the University at the NCAA championships at the University of Nebraska.

The tennis team won seven matches and lost five and finished fourth in the Conference. The top performer for the team was Sophomore Chuck Ableson.

(Continued on next page)

The Sports Year

Continued from previous page

COACH FRANK CRONIN'S GOLF TEAM had another fine year winning seven and losing three and tying one. They finished fourth in the league. Senior and captain Del Beman placed third in the individual champions in the Conference tournament. The big news in golf during the spring was the brilliant playing of Deane Beman. He was chosen to participate in the Masters and was selected as a member of the Walker Cup Team, a distinction no other University of Maryland student has had. Because of these two selections, Beman dropped out of school for the spring semester. He went on to bring the University of Maryland world wide publicity as he won the British Amateur Championship in Sandwich, England. He also won his singles match in the Walker Cup playoff. Beman brought to the University more publicity than can be recalled since the visit of Queen Elizabeth II and Prince Philip to the North Carolina-Maryland football game in Byrd Stadium two years ago and the national football team in 1953. Beman plans to return to the University this fall.

Coach Burton Shipley's baseball team had a very exciting season winning 11 and losing 7. They finished in fourth place in the league finishing with a 7-6 mark. At one time during the season they had a winning streak of eight games and were leading the Conference. Except for two very close losses to North Carolina and Virginia, they would have won the Atlantic Coast Conference title. The season was highlighted by the no hit perfect game pitched by Senior Dick Reitz of Bel Air. This was the first perfect game to be pitched in the history of the University of Maryland with organized baseball teams of the University starting in 1893. Reitz, a strong right hander, won eight and lost two for the season. Maryland placed four on the all-Conference team. They were pitcher Dick Reitz, shortstop Frank Copper, third baseman Don Santo and centerfielder Pat Clarke.

UNIVERSITY CALENDAR OF ACTIVITIES

NOVEMBER

- 21 Homecoming: Football vs. Virginia.
- 25 Thanksgiving recess begins—College Park.
- 30 Thanksgiving recess ends—College Park.

DECEMBER

- 4-12 U. T. Production: Medea.
- 5 Football—vs. N. C. State—College Park.
- 9 Basketball—vs. Virginia—College Park.
- 14 Basketball—vs. Georgetown—College Park.
- 18 Basketball—vs. Wake Forest—College Park.


- 19 Christmas recess begins—College Park.

JANUARY

- 4 Basketball—vs. Yale—College Park.
- Christmas recess ends—College Park.
- 14 National Symphony Orchestra: Opera Night—Ritchie Coliseum 8:30 p.m.
- 18 Basketball—vs. N. C. State—College Park.
- 21-27 First semester examinations—College Park.

FEBRUARY

- 1-5 Registration for second semester—College Park.



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Campus Notes

Continued from page 4

BOSWELL HEADS DEVELOPMENT DEPARTMENT

Harry A. Boswell, '42, and recently elected President of the Alumni Association, has been named by Governor Tawes to head up the newly-formed State Department of Economic Development.

WELL KNOWN PAINTER JOINS ART FACULTY

Mitchell Jamieson, the well known American painter, has been appointed to the faculty of the Art Department.

His work is represented in a number of public buildings, including murals for U. S. Post Offices in Upper Marlboro and Laurel, Maryland; Willard, Ohio; the Marian Anderson Mural in the United States Interior Department, and the General Accounting Office Building, Washington, D. C. He was one of five artists invited to submit a mural design for the United Nations Building. He did a series of paintings on the Henry Morganthau estate at Fishkill, New York, and at Hyde Park, for the late President and Mrs. Roosevelt. During World War II he served as a combat artist with the Navy.

Mr. Jamieson has received numerous prizes and awards for his work, including a First Prize in Pepsi-Cola's Fifth Annual Art Competition, 1948, Guggenheim Foundation Awards in 1947 and 1948, and a grant from the American Academy of Arts and Letters, 1947.

His work is exhibited in galleries and museums throughout the country. The Art Department held a one-man show of his work this fall at the Student Union Building.

AIR SCIENCE DEPT. HAS NEW HEAD

Air Force Colonel Theodore R. Aylesworth has been appointed Professor of Air Science and Head of the Department of Air Science. Assuming charge of AFROTC Detachment 360, Col. Ayles-

(Continued on next page)

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worth heads the largest AFROTC detachment in the country. He replaces Col. Robert E. Kendig, who is now director of operations at Amarillo Air Force Base, Amarillo, Texas.

Col. Aylesworth, a graduate of Mansfield State Teachers College and the University of Pennsylvania, began his military career in 1933 in the 28th Infantry Division of the Pennsylvania National Guard. He entered flying training in March, 1938.

Upon completion of his training at Randolph Field and Kelly Field in February, 1939, he was commissioned 2nd Lieutenant in the Army Reserve and assigned to the Air Corps.

In 1952, he attended the Air War College at Maxwell Air Force Base, Alabama, and upon graduation served three additional years at Maxwell Air Force Base, where he was deputy for operations in Headquarters, Air University.

In outlining his objectives at the University, Col. Aylesworth told the *Diamondback*: "The most important function presently for the AFROTC program is keeping pace with progress, scientific and otherwise."



Col. Aylesworth

Incoming freshmen were introduced to both the opportunities and the facilities of the AFROTC program during orientation week. Col. Aylesworth plans to develop a more personal relationship between his department and the rest of the campus and at the same time to develop an increased amount of interest among students in the ROTC program.

EVENING COURSES OFFERED

Some twenty-six courses will be offered by the University in the evening, September 21 to January 22. The program will serve adults unable to attend regular day classes.

Courses offered are: Organization and Control (B.A. 10, 11); Principles of Accounting (B.A. 20, 21); Principles of Economics (Econ. 31, 32); Composition and American Literature (Eng. 1, 2); Composition and World Literature (Eng. 3); Shakespeare (Eng. 115); Elementary French (French 1, 2); Elementary German (German 2); History of American Civilization (H. 5, 6); Business Algebra (Math. 5); Algebra (Math. 10); Elementary Mathematical Analysis (Math. 18, 19); Philosophies Men Live By (Phil. 123); Introduction to Psychology (Psych. 1); Applied Psychology (Psych. 2); Elementary Russian (Russian 1); Sociology of American Life (Soc. 1); Speech Composition and Rhetoric (Speech 103, 104).

Admission requirements are the same as for the regular day students. The fee for matriculation is \$10.00, and tuition charges per credit hour are \$12.00.

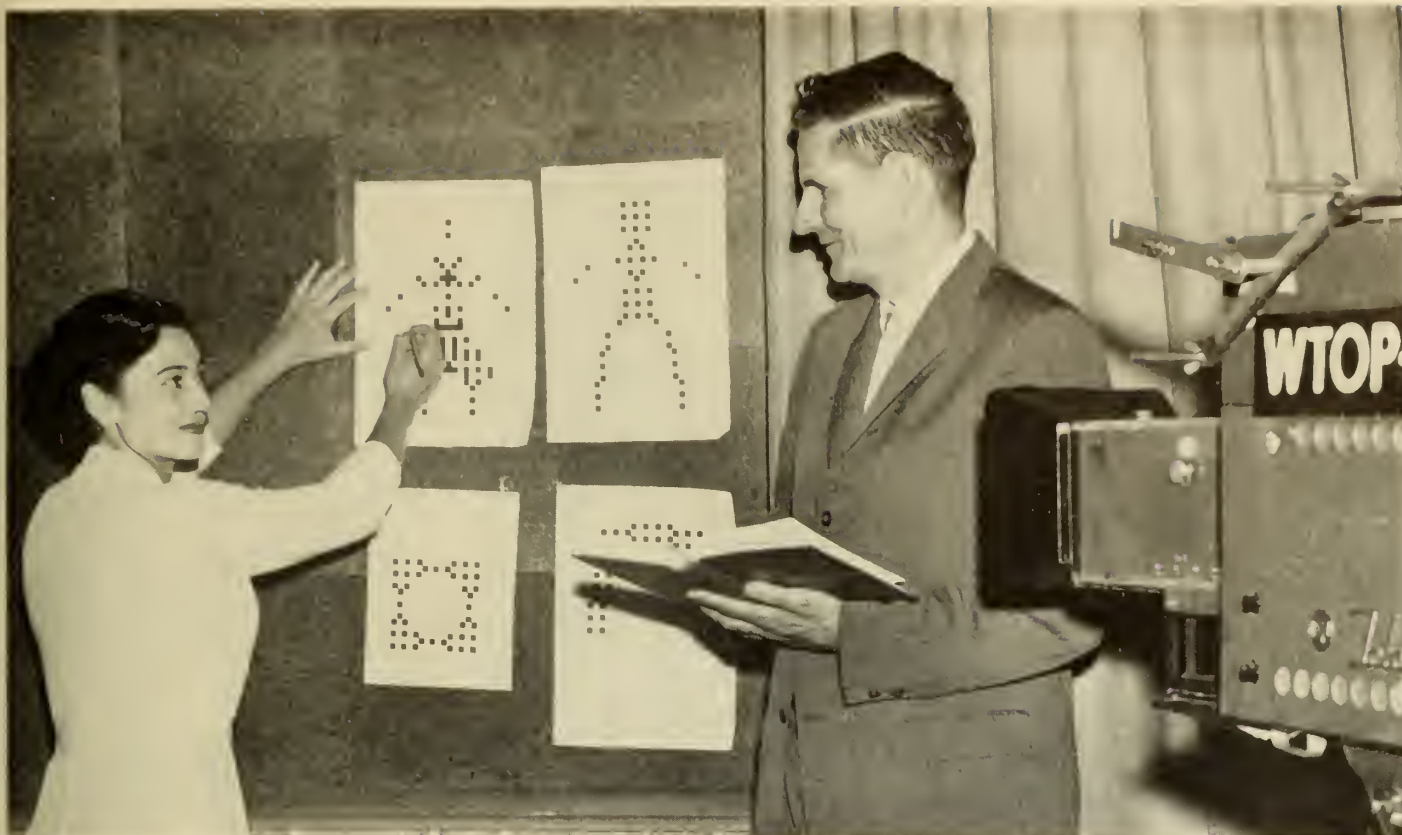
CROSSE & BLACKWELL

TRADITIONAL

Holiday Foods

A black and white advertisement for Crosse & Blackwell Holiday Foods. The central image shows a collection of food products: a can of Date Pudding, a can of Plum Pudding, a can of Fig Pudding, a jar of Hard Sauce, a jar of Mince Meat, and a large can of Fruit Cake. To the left of the products is a small figurine of a man in a top hat. The background is dark and textured. The entire advertisement is framed by a decorative border with stars in the corners.

Desserts that make every meal a Feast



TELEVISID SPANISH COURSE INSTRUCTORS, Mrs. Herdoiza and Dr. Goodwyn

LEARN SPANISH THROUGH TELEVISION

In its educational role, the University of Maryland, through never-ending effort, reaches out to serve more and more people each year. This year, a course in Spanish will reach right into Maryland homes through the medium of television. Beginning October 6, and continuing every Tuesday and Thursday thereafter until January 21, 1960, early bird viewers, properly registered for Spanish 1 TV, may earn credit by attending lectures in their living rooms.

Spanish 1 TV will be taught by Dr. Frank Goodwyn, a full Professor at the University, who also wrote the textbook, *The Telecompanion for Elementary Spanish*, specifically for the course. Dr. Goodwyn will be assisted on the air by Mrs. Eulalia Jarrin de Herdoiza, a native of Ecuador, who is studying for a Ph.D. degree at the University.

Enrollment in the course was approximately one thousand when it began October 6; many more registered before the closing date of October 31.

HISTORY OF THE UNIVERSITY OF MARYLAND

The Board of Regents has recently approved the writing of a full-scale history of the University of Maryland from its founding in 1807 to the present time.

Under the general direction of the Department of History, and under the authorship of Professor George H. Callcott, the project is scheduled for completion within two years.

The history is designed as a readable, well-illustrated volume of about 400 pages. Based upon exhaustive professional scholarship, it will be neither a eulogy, nor merely the administrative history of the institution. The history of the University is essentially the story of higher education in the state, and the story of Maryland's aspirations for excellence and leadership. As curriculum, student life, and educational aims changed, and as the University grew—or sometimes failed to grow—there is mirrored the changing interests and ideals of the state.

The book will be divided into three parts. About 150 pages will be devoted to the University before the Civil War; about 100 pages will tell the story from 1865 to 1920; and about 150 pages will relate events since the consolidation of the colleges in Baltimore with those of College Park.

Professor Callcott of the History Department will devote full time to the project for the next two years. Mr. Carl Lewis and Mr. Frank Waselewski, both 1959 graduates of the University, are presently serving as graduate research assistants.

ORIENTATION PROGRAM RE-ORGANIZED

More than 1200 students, who enrolled as freshmen at the University this fall, took part in preliminary college orientation designed to help the new college student in making the transition between high school and the University.

Participating in the concentrated two-day program, the freshmen were able to overcome the tension and insecurity that they would normally encounter when faced with 2,000 different classes, 162 buildings, and more than 12,000 students at the opening of school.

The pre-college sessions, which were held between August 10 and September 9, provided each student with a personal introduction to the University and its many offerings. The students toured the campus in groups of 25.

Among the activities experienced by the students were reviews of the University's counseling services, academic programs, and intellectual objectives. Each student participated in programs designed to acquaint him with the library facilities, the Health Service, the residential program, and the cultural activities on the campus.

According to Mr. B. James Borreson, Executive Dean for Student Life, the newly - organized orientation program promises to be a success. Freshman eval-

(Continued on next page)

uation of the program indicates their approval of the program and recommends that it be carried on in future years. Registration this year, according to Dean Borreson, ran more smoothly than ever before.

NDEA PROVIDES ADDITIONAL FUNDS

An additional \$161,841 has been made available to the University of Maryland for student loans for the 1959-60 academic year under provisions of the National Defense Education Act. With the new funds, a total of \$240,000 is available this year to Maryland students with superior academic abilities who need financial assistance.

Dr. Paul Poffenberger, Scholarship Loan Committee Chairman, points out that with the limited funds initially made available, the committee approved 121 loans amounting to \$40,479 during the second semester of 1959. It is expected, he said, that requests for loans may exceed the funds available for the 1959-60 school year.

To be eligible, students must meet the following stipulations: 1. Be a U. S. national—includes those with permanent residence status; 2. must be admitted to the University of Maryland or Maryland State College; 3. have a good academic record and capability of maintaining a good standing; and 4. be prepared to show evidence of the need for the amount requested to complete course of study.

Under the Act, repayment of the loans and 3% interest on unpaid balance may be arranged over a ten-year period, beginning one year after borrower ceases to be a full-time student.

Should the borrower serve as a full-time teacher in a public school, up to 50% of the loan and interest may be cancelled. This reduction is at the rate of 10% for each year of service as a teacher.

Calling attention to the provisions of the Act which requires the applicant to show evidence of the need for a loan and academic capabilities, Dr. Poffenberger said: "Although we have approved over two hundred applications since June, more than 30 applications have been turned down because the students were not able to show need, or did not have the academic record to qualify for loans."

To meet academic requirements, entering Maryland freshmen must have a 2.5 average out of a possible 4.0 average or equivalent thereof in major subjects

during the last two years of high school. Those students who are already enrolled must have a 2.0 average for the preceding semester.



Dr. Bode

DR. BODE RETURNS TO MARYLAND

Returned to the University campus after a two and a half year absence is Dr. Carl Bode, Professor of English. Dr. Bode has returned from a tour of service as Cultural Attache at the American Embassy and Cultural Affairs Officer with the United States Information Service in Great Britain.

In his dual role, Dr. Bode went about his work with considerable effectiveness. He established two professorships in American literature while in Great Britain, one at Leeds University and one at King's College London. He was a frequent lecturer at British universities and to scholarly organizations. He is one of only a small number of Americans to be elected a fellow of the World Society of Literature of the United Kingdom.

Before assuming his post in Great Britain, Dr. Bode had had no previous government experience for the position. Yet he was received well and his efforts to bring about a better working relationship between the two countries through his particular medium met with success and praise. A farewell letter from the British Association for American Studies says in part: "It has meant a lot to us to know that we could count on your interest and support in what we are trying to do, and to enjoy, through you, a relationship with the Embassy that reflected our scholarly interests and was free from any suggestion of politics or propaganda."

DANFORTH FELLOWSHIPS ANNOUNCEMENT

Recent alumni of the University who are preparing themselves for a career of college teaching, and are planning to enter graduate school in September, 1960, for their *first* year of graduate study, are invited to apply for the 1960 class of Danforth Graduate Fellows.

The qualifications of the candidates as listed in the announcement from the Danforth Foundation are: men of outstanding academic ability, personality congenial to the classroom, and integrity and character, including serious inquiry within the Christian tradition. The appointments are fundamentally "a relationship of encouragement" throughout the years of graduate study, carrying a promise of financial aid within prescribed conditions as there may be need.

President Wilson H. Elkins has named Dr. Paul E. Poffenberger as the Liaison Officer to nominate to the Danforth Foundation two, or not to exceed three, candidates for the 1960 fellowships.

All applications, including the recommendations, must be completed by January 31, 1960. Anyone wishing further information should get in touch with the Liaison Officer.

FOOD FAIR STORES FINANCE SCHOLARSHIPS

Funds in the amount of \$4,500 have been received by the University from the Food Fair Stores Foundation for the support of 16 scholarships. Awarded for a period of four years, the scholarships go to entering freshmen who can demonstrate civic interest, leadership, scholarship and financial need.

UNIVERSITY ACQUIRES CRITICAL NUCLEAR REACTOR

Work has begun on a \$70,000 building at College Park to house the University of Maryland's 10 kilowatt "swimming pool" nuclear reactor. This will be the first critical nuclear reactor in the state of Maryland.

The nuclear reactor, purchased from Allis-Chalmers Corporation, will provide facilities for training graduate and undergraduate students in the applied nuclear field.

The new building, to be located adjacent to the University's Chemical Engineering Building, will also house a nuclear reactor simulator purchased from Minneapolis-Honeywell Regulator Company and now operating, as well as an existing subcritical nuclear reactor which contains about three tons of natural uranium and uses two plutonium beryllium neutron sources all on loan from the AEC.

Students will obtain operating experience on the simulator and the subcritical reactor prior to work on the critical facility.

Grants from the Atomic Energy Commission, which to date have totaled \$183,785, and funds from the state of Maryland have been used to purchase the reactor and related equipment.

The critical reactor consists of an assembly of fuel plates located under about 15 feet of water. These fuel plates are approximately one-sixteenth of an inch thick and more than two feet long. They are comprised of two cladding plates of an aluminum and uranium

alloy which are enriched with the fissionable isotope, uranium 235, sandwiched between the two plates.

Hydrogen of the water provides the moderation, a process in which the fast neutrons from the fission reaction collide with nuclei of the hydrogen atoms, similar to a billiard ball collision, to lose energy or be slowed down. At the lower energy, capture by uranium 235 nuclei proceeds more readily to cause further fission.

The water also provides the small amount of cooling required, helps shield the operators, and allows convenient and visible access to the reacting assembly. The reactor is expected to be operating for training purposes by the 1960-61 school year.

The critical reactor and related equipment will be under the nuclear engineering program which was initiated by the department of chemical engineering in 1954. Dr. Wilbert J. Huff, Professor, is Chairman of the Department. Dr. Dick Duffey, Professor, is in direct charge of the nuclear engineering work.

College of

AGRICULTURE

A. B. Hamilton

WHY THEY GRAZE

J. Thomas Reid, '41, Professor of Animal Husbandry at Cornell University, answers the question "Why do cattle graze as they do?" in an excellent article in the June issue of *Hoard's Dairyman* magazine. The article shows that cattle up-grade their diet by their ability to select the best herbage.

MOSQUITO OFFICIAL

Dr. William E. Bickley, Professor and Head, Department of Entomology, was elected Vice President of the American Mosquito Control Association at the annual meeting in Salt Lake City. The American Mosquito Control Association is an organization of entomologists, engineers, physicians, and practical mosquito control workers organized for the purpose of furthering scientific mosquito control and related activities. The Mosquito Control Program in the state of Maryland operates within the legal framework of the State Board of Agriculture. Cooperative work with over 200 communities is being carried on in 13 counties. In addition to mosquito control activities which are largely the responsibility of the State Entomologist, Dr. George S. Langford, the Department of Entomology is engaged in several research projects which will result in a better understanding of the biology of mosquitoes and their relationship to Eastern Equine Encephalomyelitis.

4-H LEADER ON LEAVE

Roy Cassell, Assistant 4-H Club Leader, is on leave from the University of Maryland for advanced study at the University of Wisconsin. Cassell is the recipient of a fellowship from the Kellogg Foundation.

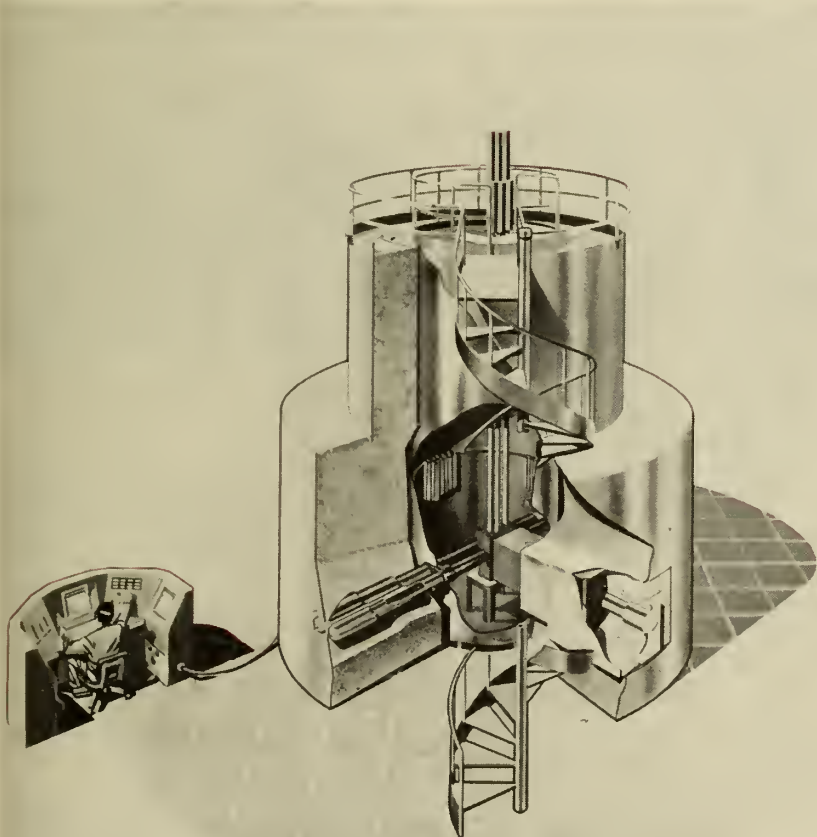
SWARTZ HEADS TESTIMONIAL DINNER

A congressional appreciation dinner was held in Baltimore to honor their veteran congressmen, Samuel Friedel, Edward Garmatz and George Fallon. James Swartz, '17, was the general chairman.

"The main idea was to encourage good men to apply their best efforts to

(Continued on next page)

The sub-critical reactor.



political service," stated Mr. Swartz. "Criticism is not enough. We believe a pat on the upper part of the back will help anyone. We regard it essential to a healthy democracy that we attract men of high calibre to the important practice of politics."

College of

ARTS AND SCIENCES

Staff of the College

HISTORY ADDS FIFTEEN GRADUATE ASSISTANTS

Within one year the History Department has increased its number of graduate assistants from exactly one, to a total of sixteen.

The increase has been made possible largely by the new lecture-discussion section system of scheduling survey courses. Instead of regular staff members meeting classes of about 45 students three times per week, under the new system the outstanding staff lecturers meet 500 students twice a week, and graduate assistants meet with groups of twenty students for one hour per week of discussion. The system is thought to be better for students, and it allows a great increase in the Department's graduate program.

Graduate assistants devote approximately one-third of their time to this apprentice teaching, and receive from \$1500 to \$2000 per year, plus exemption from tuition and fees.

ADDITIONS AND PROMOTIONS IN HISTORY DEPARTMENT

The Department of History added two members to its permanent staff this fall. Assistant Professor Paul Conklin, Ph.D. from Vanderbilt and recently professor at Southwestern of Louisiana, is a specialist in the field of American intellectual history. His recent volume, *Tomorrow a New World: The New Deal Community Program*, won the Albert J. Beveridge Award, coveted prize of the American Historical Association. Mr. Frank O. Gatell, of Harvard and the University of Puerto Rico, has been named instructor in the field of American and Puerto Rican history.

The Department also announced the promotion of Dr. Richard Bauer to full Professor in medieval and modern Euro-

pean history, and the promotion of Dr. George H. Calleott to Assistant Professor.

DR. WALSH TO CINCINNATI

Dr. Richard P. Walsh, Ph.D. '57, has recently been appointed Chief Counselor in the University of Cincinnati Testing and Counseling Center. He has been Counseling Psychologist at the Perry Point, Maryland, Veterans Administration Hospital. Dr. and Mrs. Walsh and their three children are living at 6240 Joyce Lane, Cincinnati.

ROSE BELMONT GIVEN PIN

Miss Rose Belmont, '48, who works in the Division of International Health, Department of Health, Education and Welfare, recently completed ten years of active Federal service. In recognition of this service, she was presented a pin and a letter of appreciation by Dr. H. Van Zile Hyde, Assistant to the Surgeon General for International Health.

GOODFELLOW, RUBIN AT WASHINGTON COLLEGE

Guy F. Goodfellow, who earned his M.A. degree in history in 1958, has taken the position of Instructor at Washington College, Chestertown, Md. For two years, Mr. Goodfellow was a research assistant in the History Department and he has done research at the Smithsonian Institution. He is a member of the Mississippi Valley Historical Association, the societies of Phi Kappa Phi, Pi Sigma Alpha, and Phi Alpha Theta. He is the recipient of the Carlyle Earp Prize for Historical Writing, awarded by Phi Alpha Theta last year.

Also on the teaching staff at Washington College is Mordecai Rubin, new Instructor in Spanish. Mr. Rubin is presently working toward a Ph.D. degree from the University of Maryland. He has taught in New York City, Gannon College in Erie, Pennsylvania, and did private tutoring at the University of Mexico.

LIEBSON TO ARMOUR RESEARCH

Dr. Sidney H. Liebson, '47, has been named Assistant Director of physics research at Armour Research Foundation of Illinois Institute of Technology.

An authority in the fields of radiation detection, electronics, organic fluorescence and semiconductors, Dr. Liebson has published about 20 papers and is the holder of five patents. He received his doctorate at the University of Maryland where he also served as a Visiting Professor.

He is a member of the Washington Academy of Sciences, Washington Philosophical Society, American Nuclear Society, American Physical Society and the Research Society of America.

DR. MONTGOMERY ON GW STAFF

Dr. Robert Bruce Montgomery has been appointed to the house staff of the George Washington University Hospital for the academic year 1959-60.

BILLMEYER PROMOTED

Bruce R. Billmeyer, '29, (Bachelor of Science degree in industrial chemistry) has been named Assistant Director of Research of the Armstrong Cork Company's Research and Development Center in Lancaster, Pennsylvania. Mr. Billmeyer formerly headed industrial products research. In his new position he will be responsible for research administration.

BAYLISS TEACHING AT FLINT

George Bayliss, '55, became an Instructor of art at Flint Junior College, Flint, Michigan, this fall. He has been teaching for the past two years at the Akron Institute, Akron, Ohio.

DR. WALTON TO SWITZERLAND

Dr. Edward Walton, Ph.D. '48, is spending this year in Basel, Switzerland, where he will work for a year with Dr. Max Brenner, Professor of Chemistry at the University of Basel, on problems of peptide chemistry. Dr. Walton is being sent to Switzerland by the Merck Sharp & Dohme Research Laboratories where he is a senior chemist.

THREE PH.D.'S JOIN B. F. GOODRICH CO.

Dr. Frank Donat, Dr. Charlotte Kraebel, and Dr. Louis Trapasso, all of whom received Ph.D. degrees in organic chemistry in June, 1959, have joined the chemical and plastics research department at the B. F. Goodrich Company Research Center, Brecksville, Ohio.

Dr. John J. Quinn, who received his Ph.D. degree in 1958, has joined the research staff of RCA Laboratories at the David Sarnoff Research Center in Princeton.



Officer Candidate Fritsch



Officer Candidate Fowler

SERVICE NEWS

Robert F. Fowler, '58, and John R. Fritsch, '58, recently completed the eight-month officers' basic course at Marine Corps Schools, Quantico, Virginia.

DEStEFANO ADVANCES AT SERVICE BUREAU

Robert P. DeStefano, '53, has been promoted to Manager of Sales for the Baltimore and Washington, D. C., offices of The Service Bureau Corporation, a subsidiary of IBM. He was formerly Manager of Sales of the Company's Baltimore office.

(Continued on next page)

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Mr. DeStefano

DeStefano was a member of the 1952 Sugar Bowl Champions and served in the U. S. Air Force as a First Lieutenant. He lives with his wife, Nancy, and three children, Billy 5, Bobby 3, and Lynn 1, at 519 White Oak Drive, Severna Park, Maryland.

PELMER TEACHING IN KENTUCKY

Melvin D. Pelmer, '57, M.A. '59, joined the Department of English this fall at Western Kentucky State College.

SPEECH DEPARTMENT ANNOUNCES PLANS FOR THE YEAR

University Theatre recently announced three of the four major productions to be presented in Skinner Hall auditorium this coming season. They are: *Three Men on a Horse*, *Medea*, and *Come Back Little Sheba*.

The first play, *Three Men on a Horse*, will be directed by Mr. Rudolph Pugliese who has just returned from a one year sabbatical at Ohio State where he has been completing work for a Ph.D.

"We are looking for 'new blood' to participate in the productions. We especially need men who are willing to work and gain experience," Pugliese said.

Dr. Charles Niemeyer will direct the Robinson Jeffers version of *Medea* for the second production of the season.

The third show, *Come Back Little Sheba*, will be directed by Herb Rodgers who has joined the theatre staff this year. The play was written by William Inge and starred Shirley Booth in the New York run.

The final show, which is to be the traditional musical, has not been selected to date according to Mr. Pugliese, the director of the last production.

Professor Warren L. Strausbaugh, Speech Department Head, announced

the addition of Mr. James Armacost as the assistant technical director in theatre. A Maryland University graduate, Mr. Armacost did his graduate work at the University of North Carolina. He will assist Mr. Charles Schmitt, technical director.

Professor Strausbaugh made known that Miss Judy Fine, a theatre senior major, will direct Lillian Hellman's *The Children's Hour* in the Arena Theatre during the first semester. These productions are entirely a student function and serve to supplement the major production series.

Mr. E. Thomas Starcher, director of the Maryland Drama Wing, has announced that thirty-four of the sixty open engagements of the play, *Scattered Showers*, have been filled in the surrounding area. The play deals with the problems of three mothers and their children. The Drama Wing plays to PTA groups in the area.

Other new additions to the speech staff were announced by Professor Strausbaugh. Sara Kyle and Bruce Wagener have joined the staff in general speech and both received their Master's degree from Ohio State University.

L. Denton Crews, Jr., will assist Mr. Malthon Anapol and Mr. D. C. Anderson on the debate program for the coming year.

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Glen Joseph Wolle, from Iowa State University, is a new member of the radio and television division in the Speech Department. Mr. George Batka, television director, said recently that 20 new television receiver sets have been installed in Francis Scott Key Hall for the purpose of broadening the services of the closed circuit originating in the basement of Woods Hall.

Dr. Richard Hendricks, speech clinic head, announced the return of Mrs. Dorothy Craven to the Department after a year's leave of absence. Mrs. Craven joined the staff in 1953 and has specialized in stuttering.

FACULTY ACTIVE IN DEPT. OF MICROBIOLOGY

Professor Michael J. Pelczar, Jr., has been invited to participate as a lecturer in a "visiting biologists program for high schools" sponsored by the American Institute of Biological Sciences and supported by a grant from the National Science Foundation. According to the AIBS, each visiting lecturer will spend at least three days at each school visited, and it is hoped that student interest in, and appreciation of, the biological sciences will be stimulated generally by these visits.

Dr. Jackson W. Foster, Professor of Microbiology, University of Texas, Austin, gave a lecture on Thursday, October 22nd in Symons Hall Auditorium, University of Maryland. The title of his talk was "Dipicolinic Acid and Bacterial Spores." Dr. Foster's presentation was the first in a series of three lectures to be offered during the academic year 1959-60 by the Department of Microbiology under the joint sponsorship of the American Cyanamid Company, Chas. Pfizer and Sons, and Merck and Company. Invitations to attend the lecture were extended to interested persons in various nearby research and educational institutions.

Raymond N. Doetsch, Associate Professor, was a member of a panel discussion group on "bacteria that grow at low temperatures" sponsored by the U. S. Department of Agriculture in Washington, D. C., on September 17th. Participants included workers from the Eastern Regional Research Laboratories, Food and Drug Administration, various divisions of the Beltsville station, Fort Detrick, and representatives of industrial laboratories.

Dr. Doetsch received a grant of \$21,000 from the Department of Health,

(Continued on next page)



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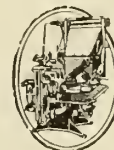
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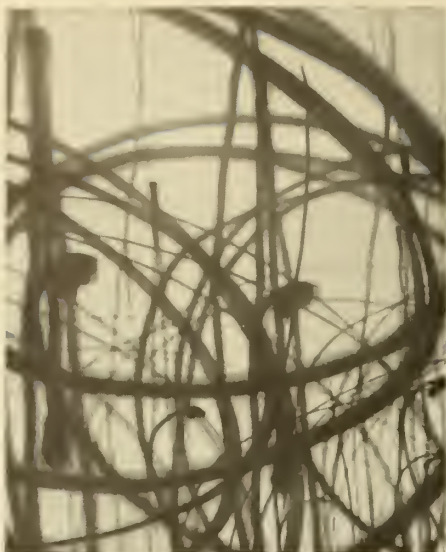
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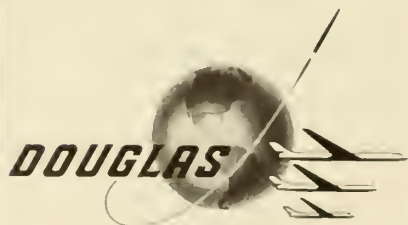
Engineering at Douglas is divided into three basic areas ... missile and space systems, transport aircraft and combat aircraft. In these military and commercial categories, each advancing beyond present frontiers of achievement, engineers and scientists can progress to the limit of their capabilities.

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GRADS AT CHEMICAL CORPORATIONS

C. C. Kirk, '59, recently joined the Polymer Research Group at W. R. Grace & Co., Clarksville, Maryland.

D. F. Clements, '48, who has an LL.B. degree from John Marshall Law School, has recently accepted a position as a patent assistant at Hooker Chemical Corporation, Niagara Falls, New York.

College of BUSINESS AND PUBLIC ADMINISTRATION

SERVICE NEWS

Frank W. Just, '58, has recently completed the eight-month officers' basic course at Marine Corps Schools, Quantico, Virginia.

Jack F. Fultz, Army Reserve Specialist Four, '57, completed two weeks of active duty training this summer at Fort Eustis, Virginia. Mr. Fultz is employed by ACF Industries, Inc., in Riverdale.

JOHN ALLEN APPOINTED DIRECTOR

John E. Allen, '58, has been appointed Director of Public Information at Lake Forest College, Lake Forest, Illinois. Mr. Allen previously served as Director of the News Bureau at Randolph-Macon Woman's College.

He is a member of Pi Delta Epsilon, honorary journalism fraternity, Sigma Delta Chi, professional journalism fraternity, and served as President of the Maryland chapter of Omicron Delta Kappa, national honorary leadership fraternity. He was also elected one of the ten most outstanding graduates by the University's Men's League and received the award given by the Baltimore chapter of the American College Public Relations Association to the outstanding public relations graduate, 1958. He served as an Information Specialist during his four years with the Air Force and was base newspaper editor at Pep-

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Mr. Allen

perell Air Force Base, St. John's, Newfoundland. He has also completed four years with the Naval Air Reserve.

Mr. Allen and his wife, the former Phyllis Hayes of St. John's, Newfoundland, now make their home on the Lake Forest College campus.

BUREAU PUBLISHES
ELECTION STATISTICS

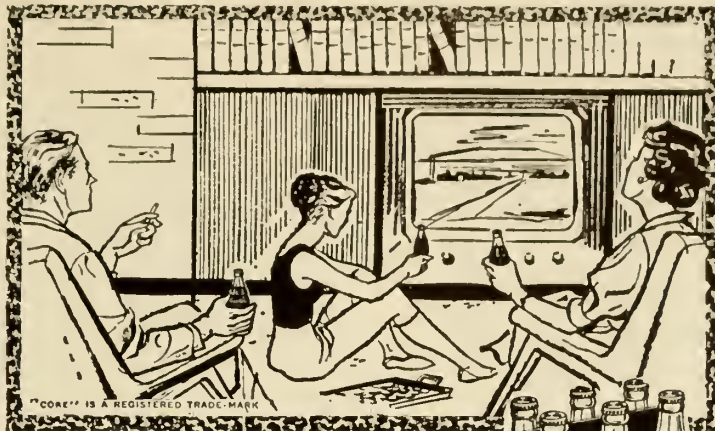
A reference booklet, *Election Statistics in Maryland, 1934-1958*, has been published by the Bureau of Governmental Research. Available in libraries of Maryland, the Bureau's newest publication carries detailed figures by counties for the offices of President, Governor, U. S. Senator, and Representative in Congress.

The information is also broken down by party percentages of vote. Figures on party registration of voters by counties and on the potential number of eligible voters, difficult to obtain from any source, are also included. Graphs for each county and for Baltimore City, in addition to tables, show election trends.

Compiled by Evelyn L. Wentworth of the Bureau's staff, the statistics preserve for Maryland users information about election returns in a form not otherwise available except to research specialists. Similar information on national elections has been published by the Governmental Affairs Institute in Washington, and several state universities in addition to Maryland, including Michigan, Illinois, Kansas, and Wisconsin, have undertaken to prepare and publish data on a state basis.

(Continued on next page)

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The basic research information is of particular value to all students of government, newspapers, and political leaders. Detailed data on state and county election returns are often difficult to discover unless compiled and published in a single reference source.

NEW STUDY PUBLISHED

The Bureau of Business and Economic Research has published a study of the European Common Market and its relation to the interests of the United States. It is entitled *The European Economic Community*.

The international organization, which became effective in 1958, took its first effective steps on January 1, 1959, operating under an international treaty signed by Belgium, France, the Federal Republic of Germany, Italy, Luxembourg, and the Netherlands.

JOURNALISM SCHOLARSHIP AWARDED

Miss April Wilson of Bethesda, a junior journalism student, has been awarded a \$200 journalism scholarship by the Montgomery County Press Association.

Miss Wilson writes for the *Old Line*, student magazine, and serves part time as copygirl for the *Washington Post-Times Herald*.

Last year she wrote a weekly column on women's athletics and recreation for the *Diamondback*, student newspaper.

Objective of the scholarship, according to Roger Farquhar, President of the Montgomery County Press Association, is to encourage scholarship in the study of professional journalism at the University toward newspaper careers upon graduation. This is the third consecutive year the Association has provided the scholarship.

DR. KRIMEL APPOINTED CONSULTANT

Dr. Donald W. Krimel, Associate Professor of Public Relations, has been appointed special consultant in the Federal government's Department of Health, Education, and Welfare.

Dr. Krimel has been director of the University's major study sequence in public relations, in the Department of Journalism and Public Relations, since its inception in 1951. He will remain in that post while serving the Federal agency as an adviser.



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ELECTED TO ALUMNI OFFICE

To the roster of officers elected by the Alumni Association of the Baltimore College of Dental Surgery, Dental School, reported in the September-October issue of THE MARYLAND MAGAZINE, should be added Milton B. Asbell, Camden, New Jersey, Historian.



Dr. Ramsey

WILBUR OWEN RAMSEY, '43
HONORED

At convocation ceremonies held in New York during the Centennial Celebration of the American Dental Association, Dr. Wilbur Owen Ramsey was received as a fellow in the American College of Dentists. Dr. Ramsey has, for a number of years, been very active in dental teaching and research. He attended the School of Pharmacy, University of Maryland, 1938-1940; following this period he attended our dental school, graduating with honors in 1943. He was in the practice of general dentistry from 1946-1954, after which he became associated with the dental school on a full time teaching basis in the Department of Prosthetic Dentistry. In 1957 he attended the Southern Regional Educational Conference in Atlanta, Georgia, a survey and planning group to estimate dental manpower needs of the south-eastern states for the next twenty years. His scientific presentations before state and national professional organizations are too numerous to mention. He is a

(Continued on page 37)



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By SALLY LADIN OGDEN

The last smell of burning leaves, the football season drawing to a close, and the chill in the air tells us that Christmas and the Holiday Season is fast approaching.

The stores are filled to overflowing with beautiful domestic and imported gifts making it easy to find the right things for "the hard to shop for" friends or relatives and a feeling of well being and happiness prevails.

We stopped for dinner at HARVEY'S RESTAURANT, at 1107 Connecticut Avenue, Northwest in the nation's capital after a long day and decided to dine in the charming barbecue room where you can relax while steak sizzles and the wonderful aroma fills the air.

We talked to the new owner of Harvey's, Mr. J. Brickman, who officially took over the restaurant in June of this year, from the estate of the late Jules Lully.

Under the able directorship of Mr. Brickman, the life of the Harvey Restaurant has been revived and it seems to have all of the old charm and gracious hospitality that existed during Mr. Lully's time.

For
Maryland

Incidentally, Mr. and Mrs. J. Brickman's daughter, Jill, is a Freshman at the University of Maryland in the School of Education.

* * *

In Baltimore, we shopped at SEARS in the Mondawmin Shopping Center. The store was sparkling with Christmas decorations and everything took on a festive air.

We found a number of beautiful gifts and we stopped in the Fur Salon long enough to realize that Sears has gone into the better fur business.

* * *

If you are looking for furniture as gifts for Christmas, visit the WILLIAM P. STEIN FURNITURE COMPANY, 401 North Charles Street in Baltimore. It is one of Maryland's finest furniture stores and their stock is elegant. This well known firm has achieved a reputation in the effectiveness of design and decor for the home that is equal to none.

Their well organized staff will assist a homemaker in carrying out color and design for proper room balance. Their staff will also advise customers about the proper size and color of furniture which is to go into a room.

Even though the furniture in a home is of good quality, if the wrong furni-



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delivered to your home or apartment during these busy holidays, has an interesting legend in connection with their name.

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* * *

Preparing the Yule Log—hanging the mistletoe—trimming the Christmas tree—all follow the long shopping days.

But, ranking right along with the big bird itself as the high point of any Christmas dinner is the dessert. Christmas desserts vary from home to home, but the most popular of all are steaming-hot plum puddings topped with the dab of brandied hard sauce and a sprig of holly, or maybe covered with aged brandy which was set afire just before the dessert was brought to the dining room.

Plum pudding is probably the best known of all Christmas desserts. American housewives can buy the size plum pudding they want from a 4-ounce container to a two and one-half pound size. The pudding is all ready to serve except for being heated in its container just before it is brought to the table. But this was not always the case. The first plum pudding was known as frumenty. Six or seven hundred years ago the people of Wales made frumenty of wheat flour and water seasoned with cinnamon and sugar, and given additional flavor by the addition of plums and currants.

The custom was to make this mixture a few days before Christmas, let it settle, and then serve it in large bowls as the first food eaten by a family on Christmas morning. Other ingredients were soon added to frumenty, and it

soon became a plum porridge. The special significance attached to this food by the superstitious people of that day was that the grain of wheat embodied the "spirit immanence," and the spices—which were very costly in those days—symbolized the gifts carried by the Wise Men at the time of Christ's birth.

During the reign of Queen Anne—1702 to 1714—the product changed from a liquid to a solid. Incidentally, these were also the days of Dr. Lister, who did much toward improving the diet of the British people, and the world-famous quality food house of CROSSE & BLACKWELL came into existence at this time, the firm now located at 6801 Eastern Avenue, in Baltimore.

Actually, it was not until 1875 that plum pudding, as we know it today, came into existence.

Certain humorous customs have grown up around Christmas desserts, too. As in some parts of the world Christmas is celebrated over a twelve-day span beginning with Christmas Day and ending with the Epiphany, it is said that for every mincemeat pie in a different home during the twelve days of Christmas, a happy and prosperous month will follow. It is also said that he who gets a holly berry with his portion of plum pudding will have good luck through the coming year.

These customs and traditions are interesting, but we certainly can be thankful that firms like Crosse & Blackwell prepare plum puddings and mincemeat for us and save us hours in the kitchen.

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School of DENTISTRY

(Continued from page 33)

member of the national, state, and local dental societies, the Gorgas Odontological Society and Omicron Kappa Upsilon, honorary dental society.

The Alumni Association pays tribute to Dr. Ramsey, a good teacher and friend, and congratulates him upon receiving the new honor of Fellow of the American College of Dentists.

ALUMNI RECEPTION AND COCKTAIL PARTY

The Alumni Association of the Baltimore College of Dental Surgery, Dental School, University of Maryland, held a most successful reception and cocktail party in the Astor Gallery of the Waldorf Astoria, September 14th. This affair, held in conjunction with the Centennial Celebration of the American Dental Association, attracted more than 700 alumni, wives and guests. All seemed to thoroughly enjoy the occasion for it provided them with a wonderful opportunity to renew old acquaintances and to chat about many things—past, present and future. These social gatherings are becoming almost too successful. The Alumni Association did not expect quite so many friends, which heavily taxed the capacity of the room thereby limiting maneuverability. However, when one considers that this party was "on" the Alumni Association, we should not have been too surprised to find that we had far more friends than we thought. In any event, "All's well that ends well," and this may very well be the end of free cocktails!

ALUMNI BREAKFAST IN NEW YORK

For a number of years it has been the custom of the Alumni Association to arrange a breakfast meeting in the city where the national convention of the American Dental Association is being held. We were fortunate this year, thanks to the efforts of our secretary, Dr. Joseph P. Cappuccio, to obtain the beautiful Sert Room at the Waldorf Astoria for the occasion. It was indeed an inspiring sight to see, as one approached the entrance to this room, a long queue extending well into the lobby; all waiting to purchase tickets for the breakfast (imagine, \$4.50—

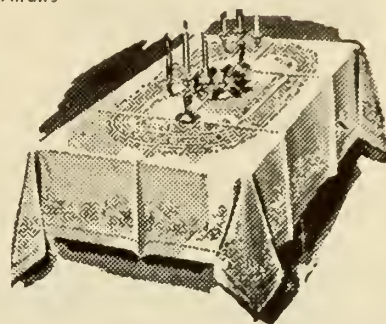
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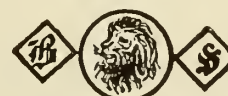
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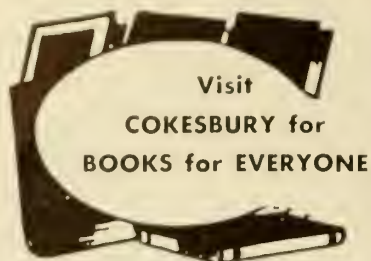
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juice, scrambled eggs, potatoes, coffee—no meat!). Approximately 300 were present.

We were honored to have with us, Dr. and Mrs. Percy Phillips of New York, the retiring President of the American Dental Association, and Dr. and Mrs. Paul H. Jeserich, of Ann Arbor, Mich., the incoming President. After a few appropriate remarks, Dr. Harry Dressel introduced the others seated at the head table: Dean Myron S. Aisenberg of our Dental School; Dean J. Ben Robinson, Dean emeritus of the Baltimore College of Dental Surgery, Dental School, U. of Md. and the School of Dentistry, West Virginia University; Dean Harry B. McCarthy, College of Dentistry, Baylor University, Dallas, Texas; Dean Frank S. Houghton, School of Dentistry, Loyola University, New Orleans; Dr. Daniel F. Lynch, Washington, D. C., Past President of the American Dental Association; Mrs. E. Benton Taylor, Donor of the E. Benton Taylor Scholarship; Dr. Katharine Toomey, Administrative Assistant in our Dental School; Dr. Howard Van Natta, Baltimore, Alumni Treasurer; Dr. William F. Decesare, Providence, R. I., Alumni First Vice President; Dr. Joseph P. Cappuccio, Baltimore, Alumni Secretary; Dr. Edwin G. Gail, Baltimore, Past President of the Alumni Association; Dr. Kyrle W. Preis, Baltimore, Alumni Editor.

Distinguished alumni seated in the room were asked to rise on recognition and when Dr. Wylie I. Smith, Clifton, N. J., Class of 1912, was called out as being possibly the earliest graduate from our school in attendance, his candidacy was quickly challenged by more than half a dozen others equally proud of their ancestry and antiquity, including Dr. J. Stephenson Hopkins of Bel Air, Maryland, a graduate of the Dental School, University of Maryland, Class of 1905.

On such a happy note ended another successful alumni event to be recorded in the history of the oldest dental school in the world.

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When a student begins his studies in any new school his mind is naturally occupied with many and varied thoughts, both hopeful and fearful; this is a most natural human reaction, which can be put to useful advantage. The degree to which one hopes and fears serves somewhat as a barometer which indicates the depth of sensitivity and powers of

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perception—not unimportant factors in achieving academic success.

The orientation program which took place in the Dental School on September 21 was planned to allay the fears and raise the hopes of 98 students beginning their studies in dentistry.

College of ENGINEERING

R. M. Rivello



Mr. Timberlake

TIMBERLAKE AWARDED ARMY FELLOWSHIP

Turner G. Timberlake has been awarded the Secretary of the Army's Research and Study Fellowship.

Timberlake is a 1941 mechanical engineering graduate. He was awarded the Tau Beta Pi Engineer Award in 1940 and was a member of Omicron Delta Kappa, National Collegiate Leadership honorary, and Pi Delta Epsilon, National Collegiate Journalism honorary. He was also active in student publications serving as Sports Editor and Acting Editor of the *Diamondback* and Editor of the Freshman Handbook. Timberlake attended the University through a National 4-H Club Rural Electrification Scholarship which was awarded him in 1936.

Recently Timberlake was nominated and selected for "Who's Who in Engineering." He is the author of numerous technical papers and periodicals appearing in nationally recognized technical magazines. During the past year he was also recommended for the Seventh

(Continued on next page)

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During the course of study involved in the Research and Study Fellowship, Timberlake plans to conduct extensive studies in this country, England, Germany and Russia. He is to investigate key factors concerning produceability as related to reducing the transition time from actual concept to ultimate hardware production now in excess of seven years. One of the objectives of the study is to determine the feasibility of establishing standards for use in conducting production reviews of design drawings, establishing production methods, and needs for special tools or fabrication apparatus.

Timberlake is Chief, Mechanical Engineering Department, U. S. Army Engineer Research and Development Laboratories, Fort Belvoir, Virginia. He is married to former Helen May Bryan of Chevy Chase, Maryland, and is the father of two girls, Christine, age 12, and Diana, age 9.

GUY KIDWELL IN INDIA

Guy Kidwell, '43, is plant manager for the National Carbon Co., Ltd. (India) in Lucknow, India. The company is a subsidiary of Union Carbide. Mr. Kidwell was in charge of the purchase of the plant machinery, did the layout design of the buildings and supervised their construction, directed the modification and installation of the equipment, and trained the workers. The plant is manufacturing 400,000 flashlights per month. He has been spending his vacations in the foothills of the Himalayas and on tiger hunting trips.

DOCTORATE PROGRAM APPROVED FOR AERO. AND CIVIL DEPARTMENTS

The University Senate has given approval for the Aeronautical and Civil Engineering Departments to grant the Doctor of Philosophy degree. This brings the number of engineering departments granting the doctorate to five. The other departments already having such a program are Chemical Engineering, Electrical Engineering, and Mechanical Engineering.

KENNETH EVANS JOINS PHILCO

Mr. Kenneth J. Evans, M.E. Aero. Option '44, has recently joined the Government and Industrial Division of the Philco Corp. as Government Sales Man-

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ager for advanced military systems. Mr. Evans was formerly Plans Manager of the Advanced Design Division of the Martin Co. From 1950-54 he was an aeronautical research design engineer with the U. S. Navy Bureau of Aeronautics. He has also done graduate work in engineering administration at George Washington University.

VIC KOSHKIN TRANSFERRED

Victor S. "Vic" Koshkin, Ch.E. '51, was recently transferred to the Richmond, Va., plant of E. I. du Pont de Nemours and Co., Inc. where he will be assigned to the Sprague Technical Lab of the Textile Fibers Department's New Products Division. Mr. Koshkin has been a Senior Engineer with the company since 1956 and was formerly employed at the Company's Kinston, N. C., and Buffalo, N. Y., plants. He is a member of the American Chemical Society and a past president of the Kinston Toastmasters' Club.

R. W. ALLEN COMPLETES DOCTORATE

Redfield W. Allen, who received his B.S. in 1943 and M.S. in 1949 in mechanical engineering at the University of Maryland has completed work for the Doctor of Philosophy degree from the University of Minnesota where he studied under Dr. Hans Eckert. He has returned to his post at the University of Maryland where he is Associate Professor of Mechanical Engineering.

AERONAUTICAL ENGINEERING EXPANDS PROGRAM

A new and expanded program of graduate study in aeronautical engineering is being offered in late afternoon classes at the University during the fall semester. Classes, seminars and research in this program are pitched at high professional levels leading to master's and doctor's degrees in aeronautical engineering.

The courses, including advanced aerodynamics, propulsion and theoretical mechanics, are taught by a team of seven distinguished engineers under the leadership of Professor A. Wiley Sherwood. The classes are open to qualified students who have been admitted to graduate study in aeronautical engineering by the Dean of the Graduate School.

(Continued on next page)

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W. G. MULLEN TEACHING

Mr. W. G. Mullen, who received his M.S. degree in civil engineering in 1951 from the University of Maryland, has returned to the University as Instructor in Civil Engineering and will work for his doctorate in this field. Prior to returning he was a professional engineer with Madigan-Hyland, a firm of engineering consultants. Mr. Mullen was a Stephen Stepanian Fellow at the University from 1949 to 1951.

SERVICE NEWS

Robert E. Karns, '57, and Melvin E. Schwarz, '58, have recently completed the eight-month officers' basic course at Marine Corps Schools, Quantico, Virginia.

Robert W. Kissling, '57, recently received his "Wings of Gold" as a naval aviator. He entered the service in February, 1958.



Officer Candidate Karns



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Officer Candidate Schwarz

JOHNSON APPOINTED MANAGER

Anthony M. Johnson, Jr., Ch.E. '50, has been appointed Assistant Marketing Manager for the Systems Division of Beckman Instruments, Inc., Anaheim, California. He previously served as Manager of Systems Applications Engineering.

Johnson is a member of the American Chemical Society, American Institute of Chemical Engineers and the Instrument Society of America.

SYKES AT FORT BELVOIR

Paul Sykes, Ch.E. '59, has taken a position in the Mine Warfare and Barrier Branch of the Military Engineering Department, U. S. Army Engineer Research and Development Laboratories, Fort Belvoir, Virginia.

School of LAW

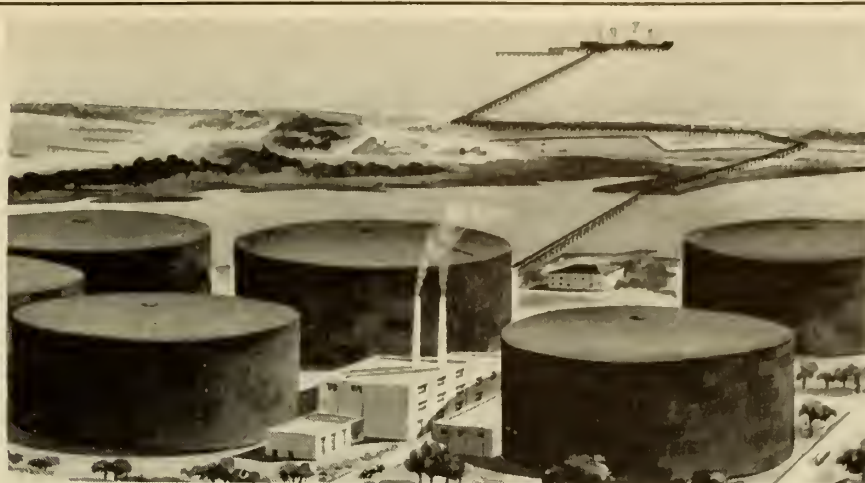
Dr. G. Kenneth Reiblich

HERBERT HAMMOND ELECTED PRESIDENT OF FARBOIL

Herbert Hammond, '36, has been elected President of the Farboil Company, in executive action taken by the company recently. Mr. Hammond moved up from the post of Executive Vice President. He replaces Mr. Milton Swartz.

(Continued on next page)

November-December, 1959



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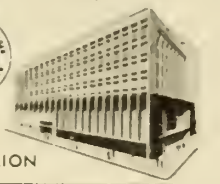
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founder of the company, who was elected Chairman of the Board of Directors.



Mr. Hammond

ROSEN COMMENDED FOR OUTSTANDING WORK

Bernard L. Rosen, '47, was recently given a \$250.00 Superior Performance Award for outstanding work at the Philadelphia Quartermaster Depot. He is attorney-adviser in the Depot's Legal Office.

In presenting the award, Major General Webster Anderson, Depot Commander, praised Mr. Rosen for his professional skill, knowledge and initiative, and said he had contributed greatly to the successful operation of the Depot.

A veteran of over eight years Government service, Mr. Rosen began work at the Depot in 1957. During World War II he served with the 63rd Infantry Division in Europe. During the Korean War he was recalled to active duty as an officer and was separated in 1953 as a captain.



Mr. Rosen

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Mr. Rosen also received his Bachelor of Arts degree in 1940 from the University of Maryland. He is a member of the Federal Bar Association, the Jewish War Veterans and the B'nai B'rith, and a former member of the Baltimore Bar Association.

WITH THE CIVIL SERVICE

Four graduates of the School of Law have taken positions as Claims Examiners (Disability and Death) with the Department of Health, Education & Welfare, Bureau of Old-Age and Survivors Insurance. They are: Richard V. Kendall, '56; George Robert Carr, '55; John J. Forbes, Jr., '53; and Charles C. Lyons, '29.

School of MEDICINE

Dr. John Wagner

McINERNEY AT MAYO

Gerald T. McInerney, '58, has been appointed a fellow in medicine in the Mayo Foundation at Rochester, Minnesota.

DR. KRANTZ ON RESEARCH COUNCIL

Dr. John C. Krantz, Jr., Professor of Pharmacology and Head of the Department at the School of Medicine, has been appointed a member of the National Research Council, to represent the American Society for Pharmacology and Experimental Therapeutics in the Division of Medical Sciences.

The appointment, which is for a three-year term, was made by Dr. Detlev W. Bronk, President of the National Academy of Sciences, on nomination of the Academy's Division of Medical Sciences.

SERVING ON AFEB

Faculty members of the School of Medicine have been appointed to direct two commissions of the Armed Forces Epidemiological Board, a civilian medical board at the Department of Defense level whose members serve as consultants to the Army, Navy, and Air Force in problems relating to the control and prevention of disease and injury.

Dr. Theodore E. Woodward, Professor of Medicine and Head of the De-

(Continued on next page)

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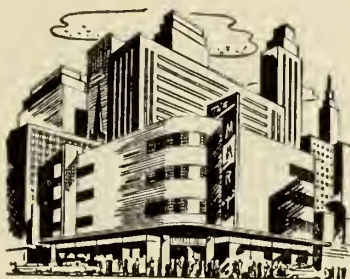
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partment, has been appointed Director of the AFEB Commission on Epidemiological Survey. He is also a member of the Commission on Rickettsial Diseases and associate member of the Commission on Immunization.

Dr. Charles L. Wisseman, Jr., Professor of Microbiology and Head of the Department, is the new Director of the AFEB Commission on Rickettsial Diseases. He is also an associate member of the Commission on Immunization.

The AFEB was started in World War I as the Army Epidemiological Board, to combat the outbreak of influenza. Its members are outstanding specialists in communicable diseases and metabolic diseases of epidemiological significance. The commissions, or working bodies, plan and organize research on specific disease groups, with the financial support of the Armed Forces.

DR. AMBERSON AT WOODS HOLE

Dr. William R. Amberson, who retired recently as Professor of Physiology and Head of the Department, is now at Woods Hole, Massachusetts, where he is conducting research on the physiology of muscle at the Marine Biological Laboratory. His work will be supported by the Institute of Arthritis and Metabolic Diseases of the National Institutes of Health.

Dr. Amberson's research interests in recent years have been related to fibrous muscle proteins, particularly the long chain protein molecules of skeletal muscle.

In 1950 he discovered a new type of fibrous muscle protein and his present work for the National Institutes of Health is to determine its physiological function and its location within the ultrastructure of the muscle fiber.

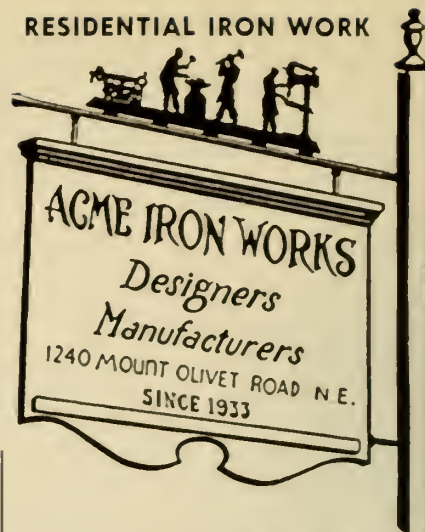
DR. EMERY

CONDUCTING PROTEIN RESEARCH

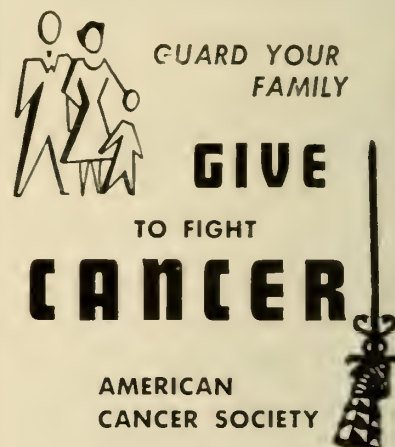
How living cells build the body's giant protein molecules out of combinations of approximately 20 different amino acids is being studied in the Department of Biochemistry with the support of continuing grants from the National Science Foundation and the U. S. Public Health Service.

Dr. Arthur J. Emery, Jr., Assistant Professor of Biochemistry, who is conducting the research, has been awarded a two-year grant of \$10,000 from the National Science Foundation to investi-

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WOMEN'S CLUB PRESENTS

The Yorkewood Women's Club of Baltimore recently presented a check for \$200 and an etching to Dr. J. Edmund Bradley, Professor of Pediatrics and Head of the Department.

The check is to be applied toward a fund to provide special nursing for children undergoing open heart surgery.

The etching, "Follow Me," by Thomas Muir, is to hang in the rotunda of the fifth floor of University Hospital.

DR. KUYPERS DELIVERS PAPER

Dr. Henricus Kuypers, Associate Professor of Anatomy, recently presented a paper at a symposium held by the Central Institute of Brain Research in Amsterdam, The Netherlands.

The symposium, which dealt with the neurophysiology, neuroanatomy, and neurochemistry of the cerebral cortex, was held to celebrate the fiftieth anniversary of the founding of the Institute by the late Dr. C. U. Ariens-Kappers.

Dr. Kuypers' paper, "Cortical Projections to Somato-motor and Sensory Cell Groups," dealt primarily with organizational differences within the nervous system. These differences have arisen in the process of evolution from cats to primates (a group of animals which includes the human species).

Such organizational differences in the nervous system may be related to clinical differences in behavior that have been observed in various animals and man following damage to the brain.

Dr. Kuypers' paper dealt further with feedback mechanisms from the cortex of the brain to the sensory cell groups through which the brain receives its information.

PROGRESS OF THE LIBRARY BUILDING

The exterior of the new building for the health sciences is practically completed. Work on the interior will consume additional months, but it is hoped that by the end of 1959 the library collections may be moved into the new building. The moving will involve combining all books from the present four library units (medicine, dentistry-pharmacy, nursing, psychiatry) and from five different storage locations.

(Continued on next page)

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"OLD MEDICAL BUILDING" CHANGES NAME

What was formerly called "the old building," "the building with the columns," "the amphitheatre," and perhaps many other unofficial names, a building long without an official name, has received the baptism "Davidge Hall" and will hereafter be so-called.

Davidge Hall now becomes the official address of the School of Medicine, as the offices of the Dean and the Committee of Admissions are housed in this edifice, located at 522 W. Lombard St.

VISITING PROFESSOR JOINS STAFF

Dr. Lorin J. Mullins, on leave of absence as Associate Professor of Biophysics at Purdue University, has been appointed Visiting Professor of Biophysics in psychiatric research at the School of Medicine.

Dr. Mullins is working in the laboratory of Dr. Robert G. Grenell, Professor of Psychiatric Research at the Medical School, where he will pursue his primary interest, study of the structure and function of the cell membrane—especially, that of the nerve cell. His work will be supported by three grants.

School of NURSING

Lillie M. Largey

PRACTICAL NURSING DIVISION HOLDS COMMENCEMENT

Dr. Wilson H. Elkins, President of the University, was the principal speaker at the Commencement Program of the Division of Practical Nursing of the University's School of Nursing, held September 23 in the gymnasium on the 5th floor of the Psychiatric Institute.

Dr. Elkins spoke on the importance of practical nursing. He also awarded the certificates of graduation to the 21 students as they were presented by Dr. Florence M. Gipe, Dean of the School of Nursing.

Mrs. Mattie Rogers Pollard, President of the Alumnae Association, brought greetings to the graduates. Mrs. Dorothy Justice, Assistant Director of Practical Nursing, presented the honor

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student, who received an award from Dean Gipe.

Music was provided by Mr. Charles E. Haslup, Professor of Music at State Teachers College, Towson, and The Reverend Francis M. Tobey, S.J., delivered the invocation and benediction.

ALUMNAE NOTES

Nellie Pardew Connelly, '55, visited Baltimore in June with her husband and two children. They are living in Holbrook, Massachusetts.

Jean Harver Jolel, '54, has returned to Baltimore from Bagdad with her husband and children.

Miss Ellie Urban, '57, will begin graduate school at Harvard University this September.

Miss Betty Cooper is now a regular officer in the U. S. Public Health Service. Her first assignment will be on an Indian Reservation in the Dakotas.

Mrs. Kathryn Robinson Fitzgerald is now residing in Salisbury, Maryland, where her husband, Dr. Joseph Fitzgerald, is now in private practice in internal medicine. The Fitzgeralds now have two children, Karen who is three years old, and Joseph, Jr., who is nine months.

Miss Shirley Wolf, '56, has recently returned from Viet Nam. Miss Wolf was sent to this country with a team of physicians and one other nurse to aid in clearing up chest surgical cases in which surgery was long overdue. MEDICO requested and sent this group.

Miss Carol Hosfeld, '50, presented a paper at a Convention at Walter Reed Army Medical Center for the nurses of the Armed Forces. The presentation was entitled, "Concepts In Nursing."

GRADUATES REMAIN AT UNIVERSITY

Fifteen of this year's graduating class are remaining on the staff of University Hospital. They are as follows: Miss Baumgardner in surgery on the fourth floor; Miss Dietz, Miss Huntley, and Miss Krongard in Psychiatry; Miss Howard is working with the Artificial Kidney Team; Mrs. Bundy and Mrs. Fleming are working in Obstetrics; Mrs. Kripinsky is working in the Obstetric Tumor Clinic; Miss Niland in the Recovery Room; Miss Rhowedder in Medicine; Miss Russell on the Cardiovascular Surgical Team; Miss Reynold, Mrs.

(Continued on next page)



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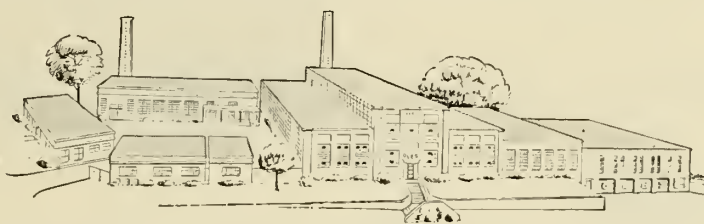
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Born in Honolulu, Lindeman lived in California for ten years. His Bachelor of Science degree in pharmacy was conferred by the University in 1956, and he became a registered pharmacist in Maryland the following year.

Since 1956 Lindeman has been employed by People's Service Drug in Wheaton, Maryland.

He is a member of Phi Delta Chi, professional pharmacy fraternity.

WINS LECTURE AWARD

I. Thomas Reamer, '24, has been awarded the 1959 Harvey A. W. Whitney Lecture Award for "his outstanding contributions to American hospital pharmacy." Mr. Reamer is chief pharmacist of Duke University Hospital.

The award was made at the August convention of the American Society of Hospital Pharmacists, meeting in con-

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junction with the 106th convention of the American Pharmaceutical Association. It was established in honor of the late Mr. Whitney, founder of the ASHP, of which Mr. Reamer was President in 1950-51.

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CHAVEZ AT LSU
Ricardo Chavez, M.A. '58, has been appointed instructor in health and physical education at Louisiana State University in New Orleans. LSU in New Orleans began its second year of operation this fall. An enrollment of more than 2,200 students was expected for its freshman and sophomore classes. A \$7 million building program began this fall on its 178-acre lakefront campus.

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KEEPING UP WITH THE ALUMNI
Major Walter R. Greenlaw, '57, is the new information officer of the 52d Artillery Brigade and of Fort Wadsworth. He recently served at Fort Myer, Virginia.
Colonel James B. Silman, '54, has been named executive officer of the Richmond Quartermaster Depot. He recently returned from Fort Shafter, Hawaii, where he was Chief, Programs, Budget, and Reporting Division. Col. Silman also holds an M.A. degree in International Relations from Georgetown University.

Major Walter Zaharevitz, '53, was awarded the degree of Master of Arts in education by Miami University, Oxford, Ohio, in summer commencement ceremonies. Major Zaharevitz has been on special assignment from the U. S. Air Force. He achieved straight "A"
(Continued on next page)

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grades in all his graduate work and his excellent academic record resulted in his election to Phi Delta Kappa, the national professional-honorary fraternity for men in education. Major Zaharevitz is a veteran of nineteen years' military service.

Major Leo T. McMahon, Jr., '58, is attending a ten-month regular course at the U. S. Army Command and General Staff College at Fort Leavenworth, Kansas.

Major Pasquale M. Princigalli, a senior at the University, recently received the Army Commendation Ribbon with Metal Pendant in recognition of meritorious service in Japan and Hawaii.



Col. Guidara



Col. Bengel

Colonel Thomas F. Guidara, '56, and Lt. Colonel Lawrence W. Bengel, '59, are attending the Army War College at Carlisle Barracks, Pennsylvania.

Colonel Walter J. Rozamus, '56, is

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presently attending the Army War College at Carlisle Barracks, Pennsylvania. This senior educational institution prepares selected officers for future assignments to top staff and command positions in the Armed Forces and other key government positions. The ten-month course is scheduled to be completed in June, 1960.

Colonel Tom B. Hembree, '54, is serving as Staff Judge Advocate, in the Army's Judge Advocate General Corps. The Army's legal branch recently celebrated its 184th anniversary.

NEW DEPUTY LANGUAGE SUPERVISOR IN EUROPE

Mr. Gunther Schalie, former Instructor of Russian at the School for Foreign Languages in Leipzig, and Leipzig University, has succeeded Dr. Ulrich Gronke as the Assistant Supervisor of Language Courses for the European Division of the Overseas Program. A former German instructor for the U. S. Army in Frankfurt, Mr. Schalie was born in Czechoslovakia where he attended German and Czech Elementary and Secondary Schools.

After his education was interrupted during World War II, he returned to school and attended the School for Foreign Languages in Leipzig. After passing the Russian exam in 1948, he taught successfully at the foreign language school and then at the University of Leipzig where he took courses in teacher training.

In 1952, he earned his teaching certificate and was appointed as an assistant at the Slavic Institute of the University of Leipzig. Meanwhile, he studied Slavic zoology and literature, concentrating on Russian and Czech.

Political convictions prompted Mr. Schalie to leave Leipzig for West Germany in 1958.

FAR EAST DIVISION FACULTY MEETING

The Far East Division held its annual fall faculty meeting on September 7, Labor Day, in the Sanno Hotel, Tokyo, under the direction of Dr. Mason G. Daly, Director of the Far East Division.

Dr. Daly welcomed the faculty, especially the new members, and spoke about the role of faculty members in the University's far-flung Far East Division. Dr. Leslie R. Bundgaard, Associate

(Continued on next page)

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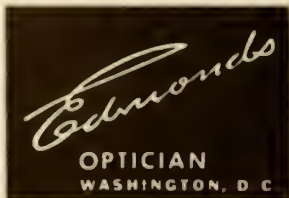
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Director, Dr. Janus Poppe, Assistant Director and Comptroller, and Mrs. Jean Bundgaard, Assistant Director of Admissions and Registrations, also took part in the briefings.

At a faculty luncheon which followed the orientation, the group was addressed by three guests representing agencies closely linked to the work of the University.

On Tuesday evening, marking the end of the faculty orientation, a large reception was held in the Sanno. Approximately 200 people attended, including over 50 faculty members and many outstanding guests.

The following day, the faculty began to travel to their scattered assignments where the first fall term got underway on September 14.

STAFF CHANGES IN COLLEGE PARK OFFICE OF UNIVERSITY COLLEGE

Two members have been added to the University College administrative staff at College Park, Maryland. They are Mr. James Ross Quimper and Mr. Donald A. Deppe.

Mr. Quimper was named Co-ordinator of the new on-campus Evening Division of University College which was established last spring. Mr. Deppe was appointed to the new post of Assistant to the Director of Institutes.

As Co-ordinator of the Evening Division, Mr. Quimper will provide a vital link between the University's academic department and the rapidly growing evening program. More than 550 students are enrolled in 30 classes on campus this fall.

Mr. Deppe will assist Mr. Richard H. Stottler, Director of Conferences and Institutes Division in planning, organizing, co-ordinating, and operating various non-credit adult education programs in fields ranging from Law Enforcement to Space Research and Technology.

Graduating in 1954 from Lafayette College, Mr. Deppe studied for a year at the Princeton Theological Seminary and then came to the University of Maryland on a fellowship given by the Philosophy Department. In 1957, he completed the Master of Arts Degree in Philosophy at the University of Maryland. Since 1957, Mr. Deppe has been connected with the Montgomery County School system.

Mr. Quimper completed the Master of Arts degree in Government and Politics last spring under the guidance of

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Dr. Elmer Plischke, Head of the Department of Government and Politics. Quimper holds the A.B. degree from Loyola College in Baltimore.

From 1955-57, Mr. Quimper was Registrar of the Evening College and Graduate Division of Loyola College. From 1952-55, he was a reporter for the *Baltimore News Post* and *Sunday American*.

TENTH ANNIVERSARY OVERSEAS

Just ten years ago this fall, the University of Maryland set a historic precedent by offering the first college credit courses ever made available to U. S. Armed Forces personnel stationed overseas. Today, that program serves more than 20,000 part-time students through 150 centers in 24 foreign countries.

Last year, courses were offered for the first time at Iraklion, on the island of Crete. They are administered by the European Division with Headquarters in Heidelberg which also administers programs in Ethiopia, France, Germany, Greece, Italy, Libya, Morocco, Norway, Saudi Arabia, Spain, Turkey, and the United Kingdom. An average of 7,000 students enroll in 375 courses in 100 centers each term.

This fall, the Military Air Transport Station at Lajes, in the Azores, joined the University of Maryland's overseas program. The Azores program is administered by the Atlantic Division under the direction of Mr. George J. Dillavou, which includes eight other bases in six suburb areas: the Azores, Bermuda, Greenland, Iceland, Labrador, and Newfoundland. More than 600 registrations are reported each term in the Atlantic Division.

The Far East Division under the direction of Dr. Mason G. Daly was established in 1956 when the University of Maryland replaced the University of California. It now serves 38 centers in 5 areas: Japan, Korea, Okinawa, Taiwan, and Guam. Enrollments average more than 3000 per term.

SPACE INSTITUTE HELD

Eight of the nation's leading space scientists lectured at the University of Maryland during an eight-week space and technology institute. The program, which consisted of a series of lectures on successive Monday evenings between October 5 and November 23, was designed to afford local scientists the opportunity to meet and hear some of

(Continued on next page)

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the outstanding authorities in the various fields of space research. Representatives from the Armed Services, private industry, and governmental agencies were eligible to register for the program.

The distinguished lecturers presented the latest developments in such areas as propulsion, space flight, communications, and space medicine.

According to Richard H. Stottler, Director of Institutes at the University, the program provided the participants with a fertile ground for the interchange of ideas among themselves and thus served to increase their knowledge of their own and related fields of space science.

JAPANESE PUBLISH MCNELLY BOOK

The Japanese government commission on the constitution has recently published for its use a book in Japanese language by Dr. Theodore McNelly, lecturer in Government and Politics in the Far East Division.

The 142-page text is a Japanese translation of 5 chapters of Dr. McNelly's Columbia University dissertation on "Domestic and International Influences on Constitutional Revision in Japanese, 1945-1946." Mr. Shozo Kobayashi of the faculty of Waseda University, Tokyo, made the translation and the book was published by the Printing Bureau of the Japanese Ministry of Finance.

In addition to teaching in the Far East Division, Dr. McNelly is engaged in research and writing on the history of the Japanese constitution.

MUNICH DEAN VISITS CAMPUS

Dr. Paul Dickson, Resident Dean of the Munich Branch of the Overseas Program, recently visited College Park for the first time during his three years as a University official.

He spent much of his time here becoming personally acquainted with academic deans and department heads responsible for disciplines taught at the Munich Branch. He also conferred with University administrators and with Colonel Robert Glafka, newly appointed Assistant to the Dean for Administration at the Munich Branch.

Dr. Dickson, a retired U. S. Army Colonel, holds two Doctors' degrees. Colonel Dickson was assigned to the faculty of West Point and detailed to the University of Munich to complete work on his first Doctorate, earning his Ph.D., cum laude, in German, in 1951. He completed work for a Ph.D in Education at Columbia University in 1957.

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SOCIAL NOTES

WEDDINGS

Naney Nystrom, P.E. '59, who was crowned May Queen last spring, was married to Dr. William Salls, Med. '59, in a ceremony which took place in University Chapel October 24. Nancy, an outstanding undergraduate leader, participated in three May Day ceremonies while a student, an unprecedented record. Dr. Salls was graduated first in this year's Medical School class.

Charlotte Ann Kause, married October 10 to John Robert Tucker. The bride studied at George Washington while the groom finished at Maryland in 1951, College of A. & S.

Captain William B. Rea, Ag. '42, of Greenwich, Connecticut, to Georgia Collier Snively of Akron, Ohio, in Munich, Germany.

Estelle Kernan, Nursing '54, was married to Mr. Willard James Lennox, a graduate of the University of Maryland Pharmacy School, 1954. They were married on August 8, 1959, and are now residing in Baltimore.

Gladys Kinna, Nursing '55, was married in January to Dr. Alfred Chesler. They are residing in Baltimore.

Margaret Richardson, Nursing '54, was married to Mr. Richard L. Wernecke on September 19, 1959.

P. Dale Every, Nursing '58, was married to Mr. James Arthur Yates, June 27, 1959.

Marge Rhowedder, Nursing '59, was married to Dr. Hector Romirez in June, 1959. They are now residing at Crownsville State Hospital where Dr. Romirez is on the Attending Staff.

Other marriages that took place over the summer from this year's graduating class of the School of Nursing are as follows: Miss Anne Ermer to Mr. Charles Bundy in August; Miss Sally Fouse to Mr. Bryant Chow in August; Miss Mary Lou Cornelius to Mr. Edward Reilly in July; Miss Betty Thompson to Dr. Glen Legler in August.

(Continued on next page)



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BIRTHS

To Ellen Louise and John H. Hoyert, Jr., a second son, Mark Sudlow on July 14, 1959. Mrs. Hoyert, the former E. Louise Sudlow, Ed. '50, M.Ed. '52, is the Secretary of the Prince Georges County Alumni Club, member of the Education Alumni Board, and a Past President of the Education Alumni Board. Dr. Hoyert, Ag. '44, Ph.D. '51, is in the Agronomy Department of the University of Maryland as Supervisor of the Tobacco Experiment Farm.

To Frances and Robert S. Hoyert, B.P.A. '50, LL.B. '52, a girl, Margaret Ann, on July 31, 1959. Mrs. Hoyert is the former Frances Keefauver, Ed. '50.

A son was born to Mr. and Mrs. Marshall Peters (Rita Malimet, Nursing) in June of 1959.

A daughter was born to Mr. and Mrs. Speers (Katherine Levint, Nursing '54) in September, 1958.

COMPLETED CAREERS



Dr. Drake

DR. NATHAN L. DRAKE

Dr. Nathan L. Drake, Professor of Chemistry and Head of the Department, died recently following a heart attack on the University's golf course. A native of Watertown, Massachusetts, he was 60 years of age.

Dr. Drake was graduated from Harvard University with an A.B. degree in 1920, an A.M. degree in 1921 and a Ph.D. degree in 1922.

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He was awarded a Sheldon Traveling Fellowship in 1922 and a year later was appointed a research chemist at Mallinckrodt Chemical Works. In 1925 he was appointed research chemist for Procter and Gamble Co.

He came to the University of Maryland Department of Chemistry in 1926 and in 1940 was appointed Head of the Department and a member of the Graduate Council.

He supervised the building of one of the largest and best equipped chemistry facilities in the country. A part of the Glenn L. Martin Institute of Technology, the building was completed in 1950.

In 1950 he assumed the directorship of the University's Institute for Molecular Physics which is patterned after the Van de Waals Laboratory in Amsterdam, Holland. The Institute is primarily engaged in research on gases under high pressure.

Dr. Drake was awarded the Hillebrand Prize by the Washington Section of the American Chemical Society in 1947. He was a member of the National Defense Research Committee and the Committee for Medical Research. In addition he held memberships in Phi Beta Kappa; the Pequossette Lodge in Watertown; Alpha Xi Sigma, professional chemical society; Sigma Xi, a research society; the Washington Academy of Sciences; and the Harvard Club of Washington, D. C. He was President of the Faculty Club from 1955 until 1957.

A measure of the esteem in which Dr. Drake was held was expressed by Dr. John Toll, Head of the Physics Department:

"Dr. Drake was the leader in the development of all physical sciences at Maryland, and was an outstanding research chemist and a gifted teacher. He was also an exceptionally able administrator and one of the hardest working and most devoted of the University's leaders. He will be completely irreplaceable.

"Although he was primarily concerned with Chemistry and the Molecular Physics Institute, Dr. Drake's support and guidance in physics programs has been invaluable. For example, he was the chairman of the committee that planned and supervised the construction of our Physics laboratories and in the final months much of his time was spent in the supervision of the building of the new Physical Sciences lecture hall with

(Continued on next page)

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Dr. Drake is survived by his wife, Ester; Robert, a son; and his two daughters, Mrs. Ruth Davis, of Hyattsville, and Mrs. Robert Weston, of Fort Lauderdale, Florida.



Dr. Jull

DR. MORLEY A. JULL

Dr. Morley A. Jull, former Chairman of the University's Poultry Committee, died recently at the age of 74.

Dr. Jull served as Poultry Committee Chairman from 1936 until 1956. Before coming to the University, he was Senior Poultry Husbandman of Production Research with the Department of Agriculture at Beltsville where he took part in the work which ultimately led to breeding the world famous Beltsville Turkey. Dr. Jull has been retired since 1956 from the University, but has been active as Poultry Specialist and Consultant on the International Cooperation Aid of the United States Government in Lebanon, Greece and Egypt.

Jull Hall, the Poultry Building, was dedicated and named in his honor in 1953.

He is survived by his wife, a son, two sisters and three brothers.

DR. AND MRS. JACOB W. BIRD

Dr. Jacob W. Bird, M.D. '07, and his wife were both killed recently in an auto accident which occurred near New Hope, Alabama. Their car was struck broadside by another car which entered the highway from a side road, failing to stop at the stop sign there.

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Founder of the Montgomery County General Hospital, Sandy Spring. Dr. Bird was recently honored for 50 years of service to Montgomery County. Among the guests attending the celebration of that anniversary were Arthur F. Flemming, Secretary of Health, Education and Welfare, and Governor Tawes.

Mrs. Bird, the former Jean Skinner of Kensington, Md., was Dr. Bird's second wife. His first wife succumbed to influenza during an epidemic in 1920.

Dr. Bird held a county-wide drive in 1918 to establish the Hospital which opened in 1920 during the epidemic of influenza. After that epidemic, Dr. Bird was left with three children to raise alone. Remarried in 1935, he and his second wife had two other children.

Dr. Bird was active in the Montgomery County Social Service League, the Health Department, the Tuberculosis and Heart Association and the State Welfare Department. He was President of the Montgomery County Medical Society for two terms.

He was a member of St. John's Episcopal Church in Olney, a Mason and an alumnus of Sigma Alpha Epsilon Fraternity.

GRADEN LEE BARKER, JR.

Graden Lee Barker, Jr., and his wife Esther, both 22 years of age, were killed in an auto crash near Triangle, Virginia. Mr. Barker graduated in Arts and Sciences this past June and was working at the Naval Ordnance Laboratory at White Oak, Md. Mrs. Barker was secretary to the Chief of Staff at Casualty Hospital. The couple lived in Hyattsville but had grown up and attended school together in Oriental, North Carolina, where both were buried on October 26. All four parents survive.

JOHN EARLE RICE

John Earle Rice, age 54, of the Class of 1926, died October 20 of cancer. He had been a leading figure in the Potomac River Anti-Pollution work. As Chief Chemist of the District's Sewage Treatment Plant, he carried out much of the experimental work leading to the design of new ten million dollar facilities established this year. Born in Frederick, he became an analytical chemist first in College Park and later in Chicago. He also saw service in the Army Medical Corp. Other activities included the Boy Scouts, the American Red Cross and the

(Continued on next page)

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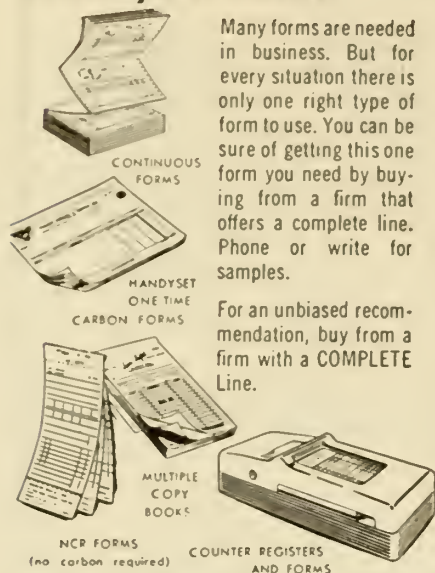
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Congress Heights Methodist Church. Survivors of this outstanding biological chemist are his wife, two sons, his mother, a sister and three brothers.

DR. PORTER P. VINSON

Dr. Porter P. Vinson, of Richmond, Virginia, widely known specialist in diseases of the chest, died recently of coronary insufficiency due to coronary sclerosis.

Dr. Vinson was born in Davidson, North Carolina, on January 24, 1890. He attended Davidson College in that place, receiving the degree of bachelor of arts in 1909 and that of master of arts in 1910. He then enrolled in the University of Maryland Medical School, where he took the degree of doctor of medicine in 1914. He was an intern at the Trudeau Sanatorium in New York from 1914 to 1916, and for part of 1916 he was an intern in the Montreal General Hospital.

Dr. Vinson went to Rochester, Minnesota, in 1916, as one of the first fellows in medicine of the Mayo Foundation, which had been established a year earlier. On April 1, 1921, he was appointed to the staff of the Mayo Clinic as a consultant in medicine with a special interest in diseases of the chest. He came to be regarded as an authority on diseases of the esophagus, in particular, and by the time he left Rochester in 1936 he had contributed more than 125 papers to the medical literature on diseases of the chest in general. In 1936 he entered into the private practice of medicine in Richmond, Virginia.

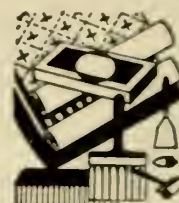
In Richmond Dr. Vinson carried on an extensive private practice of internal medicine, and he became a professor in the Medical College of Virginia in Richmond. He was certified as a specialist in internal medicine in 1937 by the American Board of Internal Medicine, Inc.

Dr. Vinson was a fellow of the American College of Physicians and a member of the Southern Medical Association, the American Medical Association, the American Broncho-Esophagological Association, the American Association for Thoracic Surgery, the Society of the Sigma Xi, Phi Beta Kappa, the Nu Sigma Nu professional medical fraternity and the Beta Theta Pi academic fraternity.

Dr. Vinson was married to Miss Lenore B. Dunlap in Washington, Pennsylvania, on May 14, 1919. Dr. and Mrs. Vinson had three children.

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DR. O. W. SCHALPP

Dr. O. W. Schalpp, Med. '07, passed away recently, a victim of cancer. He lived, prior to his death, in Hutchinson, Minnesota.

Dr. Schalpp was a certified radiologist, obtaining his certification in 1948. He had retired from active practice two years ago and was acting in the capacity of a consultant.

His assistant of 30 years, Miss Amy Dallmann, writes: "We all (the community and family) feel a sense of great loss. He was the greatest physician and a born student, keeping his interest active in his chosen profession, up to the end." Dr. Schalpp is survived by a son and a daughter.

DR. ROBERT SPURR

Dr. Robert A. Spurr, a protege of chemist Linus Pauling, died recently of brain cancer at Long Beach, California. Dr. Spurr taught chemistry at the University from 1949 to 1955. For the past four years he has worked on research for the Howard Hughes Aircraft Co. Survivors include his wife, two sons and two daughters, and three brothers.

FLORENCE D. PORTER

Mrs. Florence D. Porter (Florence Dilworth, Nursing '04) died recently at a hospital in Jacksonville, Florida. She had lived in Jacksonville since her graduation in 1904.

OTHER DEATHS

Dr. Raymond Kent Tongue, Jr., D.D.S. '43, died June 11, 1959.

Dr. Jose Y. de Guzman Soto, of San Juan, Puerto Rico; Dr. F. Garcia de la Torre, Santruci, Puerto Rico; Dr. L. G. Despiav, '07, Santruci, Puerto Rico; Dr. Romulo Ayuso, Caguas, Puerto Rico; Dr. Nestor de Cardona, Puerto Rico.

Dr. W. T. Messmore, '01, died July 23, 1959.

Dr. Page Edmunds, Med. '98, died August 7, 1959 at his home at Gibson Island, Maryland.

John H. Eiseman, Eng. '21, died recently of a heart attack at Suburban Hospital, Bethesda, Maryland. Mr. Eiseman, a former gas chemistry specialist with the National Bureau of Standards, was also a leading Mason in the District of Columbia and active in the American Legion. He is survived by his wife, two sons and a daughter.



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BOUND TOGETHER. The ties are sometimes rusty and thin. We refer to those bonds of loyalty which unite the alumni with the Alma Mater. At least a portion constantly reach back to seek anew old experiences and old connections which will serve to rekindle the past in activity and interest of the present. It is the desire to help and be helped, to grow and to help in the growth of others that becomes a common bond.

WHERE ARE WE GOING. The Alumni Association has first searched its own soul. Three major questions have brought many and varied answers. We now extend our interest area and request all alumni to study the following questions and with your answers help us to establish the target areas for the future.

1. *What should be the prime objectives of the Alumni Association?*
2. *What do the alumni want from the University?*
3. *What programs and activities should be given priority by the Alumni Association?*

SEND THE WORD. You can give your Alumni Association and your University a real boost by simply assisting both in becoming more effective. Many have asked what they could do to help. In brief, the answer lies in your initial willingness to put down on paper what you would like to see others do and possibly what you would like to do yourself. A little brainstorming is in order and your thoughts, no matter how absurd they may sound to you, are welcomed. Constructive criticisms are the best friends an Alumni Association can possess. This is your opportunity to help us grow. Through the nourishment of your thoughts we will not wither with neglect.

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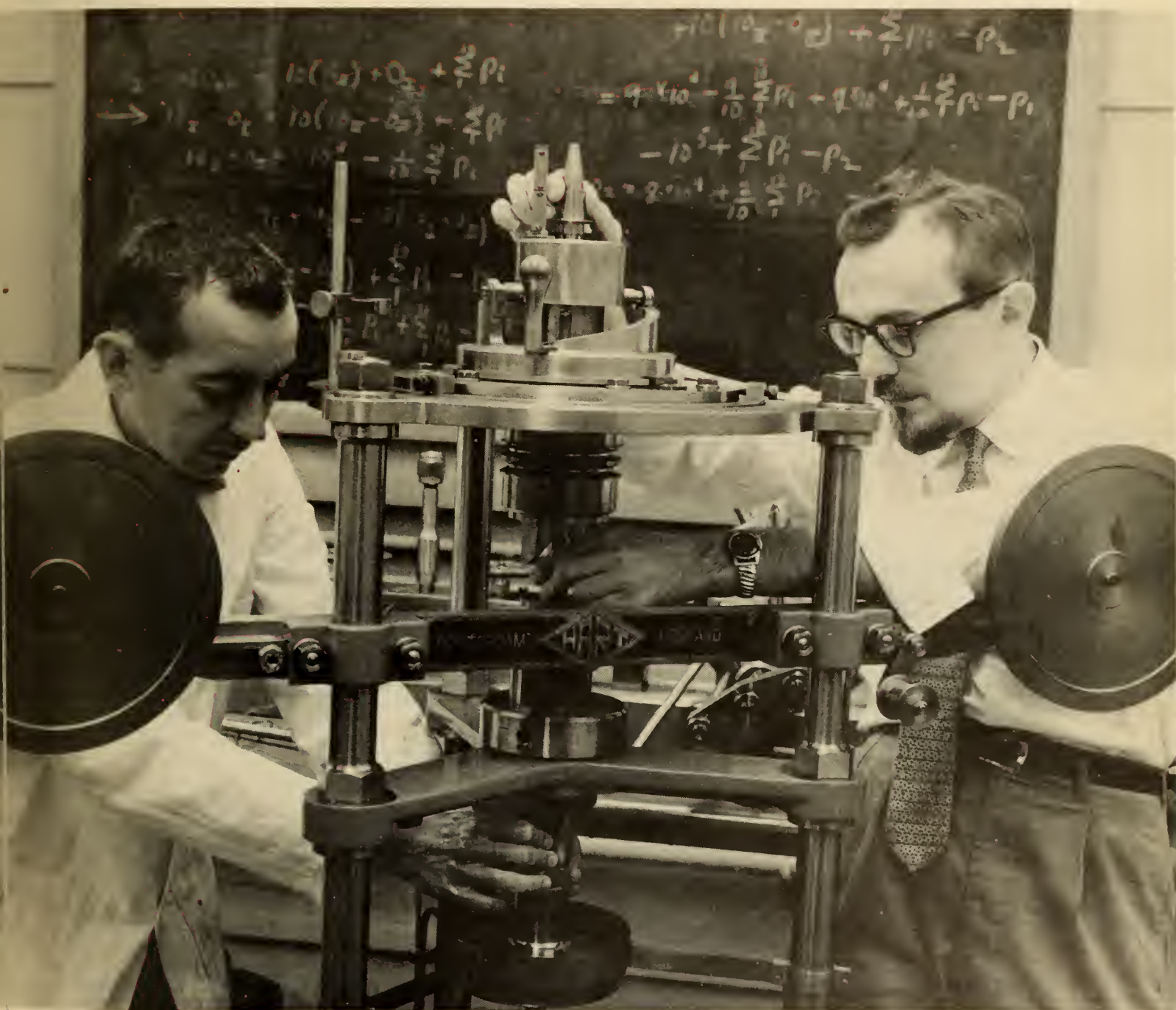
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THE EARLY YEARS

THE MARYLAND BLUE CRAB

TEACHING BY TV

Bell System facilities meet a new need. Already a vital link in filling educators' requirements within a locality, state or across the nation

An interesting current development in education is the use of television for instruction—both in classrooms and in the home.

Evidence that a shortage of qualified teachers is developing coincides with the need for some way to meet the awakened interest in mathematics, physics, chemistry, and education in general—from the elementary school to the college level.

Many educators, in studying the twin problem, are thinking more and more about the possibilities of Educational TV in their teaching programs.

In transmitting TV lessons and lectures from place to place, various means are available. Closed circuit Educational TV systems between schools may be required. Or connection between broadcasting stations in different cities. Or a hook-up between closed circuit systems and one or more broadcasting stations.

Whatever distribution of TV is needed, in city, county, state, or across the country, the Bell Telephone Companies are equipped to provide it. They have the facilities and years of know-how. And the on-the-spot manpower to insure efficient, dependable service.

For over three years, the local Bell Telephone Company has provided the closed circuit ETV network



HELPING TO TEACH . . . HELPING TO LEARN. Classroom scene in Cortland, N. Y. This is one of the schools now using Educational TV. More than one TV receiver can be used where teachers wish to accommodate larger classes at one sitting.

which successfully serves thirty-six schools in Washington County, Maryland.

In Louisville, Kentucky, telephone company facilities now connect five elementary schools. In New York State, they serve a high school and seven other schools in the Cortland area.

In San Jose, California, they link four schools with the campus of San Jose State College. And in Anaheim, California, eighteen schools are served by TV.

The largest of the many current educational TV projects is called Continental Classroom. The Bell

System is one of the business organizations which support it.

In this great "classroom," about half a million people get up early each weekday to view a half-hour lecture on Modern Chemistry on their TV sets at 6:30 A.M. This 32-week college course goes from coast to coast over Bell System lines.

The Bell Telephone Companies believe their TV transmission facilities and know-how can assist educators who are exploring the potential value of educational television.

They welcome opportunities to work with those interested in this promising new development.

BELL TELEPHONE SYSTEM





The Cover: One of the characteristics of the decade of the 1950's and a portend of what the 1960's hold in store is the ever-accelerating rate of research across the Nation. At Maryland, expenditures for pure and applied research in diverse fields climbed steadily from \$897,484.14 in fiscal year 1949-50 to \$5,194,335.08 in fiscal year 1958-59 just concluded. Everywhere, more and more money and men are being used to expand the frontier of knowledge. If men can find ways to live together peaceably, the decade of the 1960's might very well become a prelude to an era of great discovery.

PHOTOGRAPH BY AL DANEGGER

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THE ALUMNI DIARY

THE hurrier I go, the behinder I get." This quotation, from a North Carolina barbershop, recently crossed my desk. The first reaction was to agree that this was more expressive of the life of an Alumni Secretary than anything else I had ever seen.

The message arrived during the usual happy confusion created by a desk piled high with correspondence, the telephone ringing as it had been most of the day and the need to meet a previously scheduled appointment. On the agenda were meetings and conferences, speakers to be obtained, notices to be sent, address changes and membership applications to be processed, a family hopefully waiting for the evening when Dad would have supper with them and the nudging call which said, "The printer is waiting for the Alumni Diary."

It was in such a period of momentary reflection that I noted another message pointing to the staggering pace which the great majority now maintain. Here was a contrast of the old and the new. The dashing about by air and by automobile, the pressure of the high cost of living, the hectic situation of never going to bed the same day you get up and the wonder of what may be ahead as man probes outer space, is the new. The contrast of 40 years ago recalled eggs at 10c a dozen, butter at 15c a pound and the time when 10c would purchase enough round steak to feed five people. The butcher gave liver away, the hired girl got \$2.00 a week, men wore whiskers and chewed tobacco, beer was 5c and a hanging kerosene lamp in the parlor was a luxury. Folks had time to visit and to rock a little on a neighbor's front porch.

With these thoughts in mind, we pulled from a dusty file, the first history of the Alumni Association embracing the years 1893-1914. It could not have been better said today. I refer to the introductory statement which reads. "Scarcely anything means more for a college than a large and enthusiastic body of alumni, who make it their business to get behind every move in the life and extended usefulness of the institution. In past years, we have never lacked of loyal support from both the older and younger members of the alumni organization but it has only been more recent that the Association has felt its responsibility in directing the broader development of the institution."

As a boy, I recall an 82-year-old former slave standing on the steps of the Library of Congress and expressing awesome thanks to her Creator that she had been permitted to live in "Such an up-to-date century." Most of us have seen great progress, phenomenal growth in alumni interest and numbers, and the most epoch-making period in world history. It is interesting, therefore, to see that nearly 50 years ago, the alumni message was the same as that which we attempt to transmit today. Even then reference was made to, "A period when the organization of alumni into live and influential associations seems both logical and imperative in their own interest as well as that of the institution."

While these words may seem somewhat significant to many presently active alumni, they have doubled in importance for the son of the college editor and alumnus who wrote them in 1914. That editor was Reuben Brigham and his son has just concluded another Alumni Diary with appreciation for the past and hope for the future because alumni fifty years later are just as loyal and as enthusiastic as they were those few short years ago.

As ever,

DAVID L. BRIGHAM
Alumni Secretary



ALUMNI AND CAMPUS NOTES

UNIVERSITY CALENDAR OF ACTIVITIES

FEBRUARY

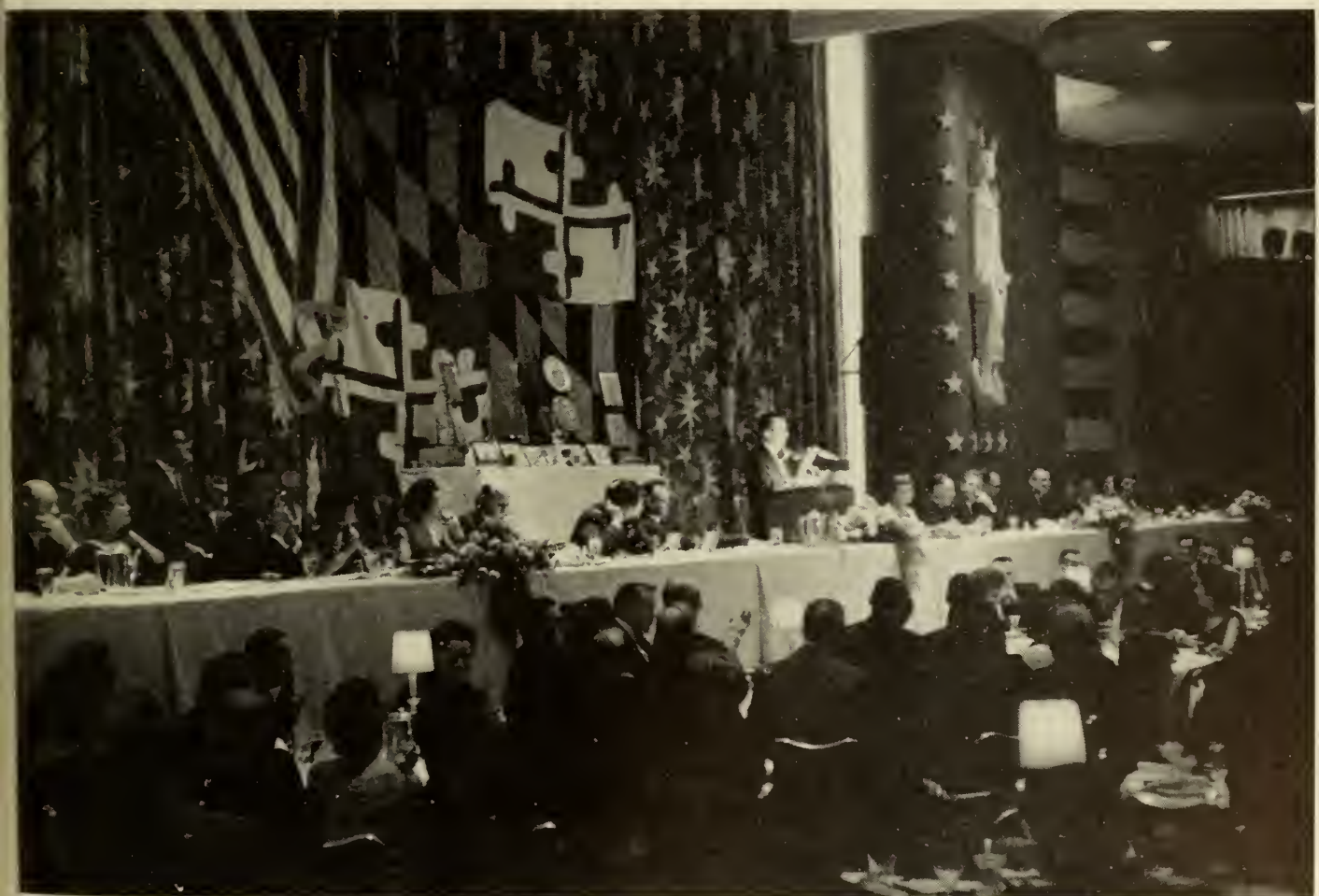
- 3 Basketball—vs. North Carolina—College Park.
- 6 Basketball—vs. Wake Forest—at Wake Forest.
- 6-10 Registration for the spring semester—College Park.
- 10 Basketball—vs. Virginia—at Va.
- 13 Instruction begins—College Park.
Basketball—vs. N. C. State—at N. C. State.

- 15 Basketball—vs. Clemson—College Park.
- 18 Basketball—vs. Duke—College Park.
- 20 Basketball—vs. George Washington College Park.
- 23 Basketball—vs. North Carolina—at Chapel Hill.
- 25 National Symphony Concert—College Park.
- 26 Basketball—vs. Clemson—at Clemson.

- 27 Basketball—vs. South Carolina—at Columbia.

MARCH

- 4,5,8-12 University Theater production, "Come Back Little Sheba," College Park.
- 25 Maryland Day.
- 30 Easter recess begins after last class College Park.
- 31 National Symphony Orchestra and Washington Ballet—College Park.



ANNUAL M CLUB AWARDS BANQUET, *see next page*

The ninth annual "M" Club Banquet took place December 5, 1959, at the Statler-Hilton Hotel in Washington, D. C. The annual affair was originated as a means of honoring University of Maryland athletes and prominent citizens in other walks of life. Honorary membership is extended to men selected for achievements in political, professional and business endeavors. Each year one nationally recognized figure is presented with an additional award for special achievement.

The Maryland Athletic Hall of Fame was instituted by the "M" Club in 1956 to honor Maryland athletes who have ceased competition for at least 10 years in the sport for which they are chosen. A selection is made each year of three living and one deceased (in memoriam) athletes. A permanent memorial of those chosen for the Hall of Fame is maintained in the William P. Cole, Jr., Student Activities Building.

Chosen this year for the Hall of Fame were Joseph M. George, a national senior champion skeet shooter; Leonore K. Wingard, an Olympic swimming champion; Louis W. (Bozey) Berger, a football, basketball, and baseball star; and, in memoriam, John I. Turnbull, outstanding lacrosse player.

Mr. George, a political figure in Queen Anne's County, has been named to several All-American skeet teams and is an accomplished trick shot artist. He entered his first competition at the age of 48. He is a former State Senator and ex-member of the State Roads Commission.

Leonore Kight Wingard won 20 National Women's swimming freestyle titles from 1933 to 1936. An Olympic competitor in the 1932 Games, she established world records in the 880, 440 and 500-yard events (all three marks have since been broken). She is married to Leon J. Wingard, a University of Pittsburgh graduate and a physical education instructor.

Bozey Berger was a great all-around athlete at the University of Maryland. Following his graduation in 1932, he was signed by the Cleveland Indians as an infielder. He concluded his major league career in 1939.

John Turnbull was considered one of the greatest attackmen in the history of lacrosse. He was an All-American for Johns Hopkins, and later played with Mount Washington. Killed in action over Germany in 1944, Colonel Turnbull held the Distinguished Flying Cross, the Air Medal and two oak leaf clusters.

Other awards presented at the "M" Club Banquet include: the Charles P. McCormick Award, presented to John T. Bell, captain of the University of Maryland swimming team; the Talbot T. Speer Award, presented to Bjorn Andersen, University indoor and outdoor pole vault champion; the A. V. Williams Award, presented to Allen J. Bunge, the first Terp basketball player ever to be named to an All-American selection in pre-season; the James M. Tatum Memorial Award, presented to Kurt A. Swartz, first string Terrapin tackle.

Honorary "M" Club Memberships, presented by Hotsy Alperstein, President, were extended to Mr. David L. Brigham, Alumni Secretary; William Campbell, University swimming coach; Edward R. Carr, one of Washington's outstanding business and civic leaders; Richard E. Koester, President of the E. H. Koester Bakery Co.; Lt. Gen. Bernard A. Schriever, USAF, Commander, Air Research and Development Command.

The "M" Club International Award went to Deane R. Beman. All America Awards were presented to Robert Schwartzberg and Deane R. Beman. The Atlantic Coast Conference Championship Coaches Award was presented to James H. Kehoe, Jr., track; William E. Krouse, Jr., wrestling; and Doyle P. Royal, soccer.

Lt. Gen. Bernard A. Schriever was presented the Distinguished Service Award.

BALTIMORE UNION ROOM TO MEMORIALIZE DR. TONGUE

The parents of the late Dr. R. Kent Tongue, Jr., D.D.S. '45, have provided for the dedication of one of the main meeting rooms in the new Baltimore Union Building in his memory. Appropriate dedication ceremonies will be convened when the building is completed and furnished.

Dr. Tongue was born in Baltimore in 1918. He attended the University of Maryland and the Baltimore College of Dental Surgery, Dental School, University of Maryland. His postgraduate work was done at Eastman and at McGill University. He entered practice in Baltimore in 1949, and he was also on the staff of the Department of Orthodontics of the Baltimore College of Dental Surgery, Dental School, University of Maryland.

In addition to his parents, he is survived by his wife, Barbara Enlow

Tongue, and a son, Raymond Kent Tongue, III.

Dr. Tongue's father heads the Raymond K. Tongue Insurance Agency in Baltimore.



Dean Stamp

FELLOWSHIP NAMED IN HONOR OF DEAN STAMP

The National Council of Alpha Lambda Delta has named a graduate fellowship of \$1,000 in honor of Adele Hagner Stamp, the University of Maryland Dean of Women.

The Adele Hagner Stamp Fellowship for Graduate Study will be awarded during the 1960-61 academic year. It must be used in a college or university where there is a chapter of Alpha Lambda Delta. Any member of Alpha Lambda Delta graduating in 1957, 1958 or 1959 who has maintained the scholastic average throughout her college career is eligible.

Miss Stamp served for many years as the National Treasurer of Alpha Lambda Delta. It is primarily due to her efforts that the organization is on a sound financial basis and is now capable of awarding two graduate fellowships.

DEAN BAMFORD NAMED TO MARYLAND BOARD OF NATURAL RESOURCES AND TOURISMS BOARD OF DIRECTORS

Dr. Ronald Bamford, Dean of the Graduate School and Head of the De-

(Continued on page 16)

Rain Fails to Dampen A Rousing Homecoming

House Decorations, Floats, a Queen and a Win Over Virginia
Highlight Maryland's Traditional Homecoming Spectacle





MARYLAND HOMECOMING SPIRITS REMAINED BOUYANT DESPITE an early morning downpour which had threatened to cancel out many events. Student house decorations and floats escaped severe damage to their wire and paper structures and presented to alumni perhaps the most inventive and dazzling display in the history of Maryland Homecomings.

Tom Nugent's surprising Terrapins walked rudely over the hapless (and winless) Cavaliers of Virginia, 55-12. All in all, it was a day to be remembered, full of the sights and sounds of the traditional Homecoming spectacle.

The day began with tours of the new Library and with meditation periods in the Memorial Chapel. In addition to faculty and staff guides, members of the Pershing Rifles did themselves proud in providing both attention and direction for returning alumni.

The excellent and attractively arranged buffet luncheon in the lower level of the University Dining Hall was a credit to the University and a source of high praise on the part of returning graduates and their families.

Dark and threatening skies failed to dampen genuine enthusiasm for the crowning of Maryland's Homecoming Queen. Chosen to reign this year was Miss Pat Ohl, a junior in Arts and Sciences who spent her first two years of college at the University of Maryland's Munich branch. One of the finest float parades of recent years brought brightness to the dismal atmosphere even though a few crepe-paper colors merged to provide new shades for those with an artistic outlook. Zeta Beta Tau copped the winner's title in the float competition with their "Little King and Terp Slay Cavalier."





At the football game, the pulling of the right strings, the showmanship and the final result all combined to create a stir among fans who discussed the game action long after the final whistle had blown. Highlight of the game was the carefully prearranged but apparently hastily called huddle following a Virginia punt with the ball being handed around or across the circle of red jerseys to end Gary Collins who suddenly broke from the circle into the waiting arms of an amazed and almost dumbstruck Virginia defense who made the stop on the basis of training experience rather than through an analysis of what was happening.

The Cole Activities Building served as headquarters for the mixer following the game. This included a coffee hour, a view of the Trophy Room as well as a viewing of movies of the Clemson game narrated by Head Coach, Tom Nugent.

Most alumni concluded the day with visits to fraternity and sorority houses and with auto tours of the numerous house decorations. To some, there were memories of many sleepless hours when their attention had been directed to the manipulation of crepe-paper and chicken wire into similar fantastic designs all intended to say "Welcome Home" to alumni of another era. Alpha Chi Omega's house decorations were proclaimed the best of this year's offerings.

Once again the Dean of returning alumni was Fred Besley of the class of 1892 who makes his home in Laurel. He enjoyed a lively and complete day even though he, like many others, did not seem inclined to join the younger set who participated in the Homecoming Dance at the Armory to the music of Billy Mays Orchestra.



The Privilege of Giving to Maryland

THIS Winter and Spring, during the time
designated for the Annual Alumni Fund Program
(December through May),
Maryland men and women are showing again
their loyalty to the Black and Gold.

*They are working in the
Fund organization*

*They are pledging financial
support*

More than \$200,000 has been contributed
to the fund in its first two years
of existence...true testimonial
to alumni loyalty. Last year
more than 1,500 inspired alumni worked
in the General Canvass. Each year more and more Maryland men and women
are exercising their privilege to serve
again their Alma Mater.

Respond to the Spring General Canvass
in your region. Make certain that this
and future generations will continue to
LOOK TO MARYLAND FOR LEADERSHIP.

THE GREATER UNIVERSITY OF MARYLAND FUND

The Early Years

By Dr. Verne E. Chatelain

AN ACT OF THE GENERAL ASSEMBLY OF MARYLAND, PASSED in the year 1784, just seven years after the ratification of the first State constitution and the organization of the new State government under it, made reference, apparently for the first time in official language, to "the University of Maryland." In fact, the Act was designed to create an institution to be known as the "University."

The considerable confusion now existing with regard to this Act, as well as to what transpired in the period immediately after its passage—that is, from 1784 to 1791—suggests the desirability of a careful re-examination of all of the evidence in order to determine the precise relationship, if any, between what then happened and the true origin of the modern "University of Maryland."

"OLD MAIN," now Davidge Hall.



1784. Washington College Lottery. State of Maryland N^o.

THIS Ticket entitles the Bearer to such Prize as may be drawn against its Number, if demanded in Nine Months after the drawing is finished, subject to a deduction of Fifteen per Cent.

Wm. S. Collins

PRESENTED BY Mrs. William S. Collins, of Chestertown.

At the outset, it is important to identify two schools of great antiquity, which it was the purpose of the Act of 1784 to bring together as a single institution, or "University." These were Washington College at Chestertown on the Eastern Shore and St. Johns College at Annapolis on the Western Shore. Each had its origin, it should be pointed out, in the colonial period, and each had received official recognition from the colonial government and a certain degree of public tax support, although, in the main, each was supported through public subscriptions, tuitions, and lotteries. Likewise, each originally was a school of less than college stature, stressing basic courses in the arts, sciences, humanities and literature, and serving to train young men and boys, such as might be admitted, at several levels of education. Distinctly, each was an institution devoted to teaching a general curriculum, rather than a professional one.

The Eastern Shore school was known at first as Kent School, but, in 1782, under a State charter it became a "College" and was re-named to honor the distinguished General George Washington, who had recently defeated Cornwallis at Yorktown. On the other hand, "King William's School" at Annapolis, which was founded about the time that the colonial capital was moved from St. Mary's City to the banks of the Severn, was chartered "St. Johns College" by the same Act of 1784, providing for the creation of a "University."¹

It was the opinion of the General Assembly, as stated in the language of the Act, that "the connection between the two Shores will be greatly increased by uniformity of manual and joint efforts for the advancement of literature, under one supreme legislative and visitatorial jurisdiction." Thus the lawmakers decreed that, henceforth, Washington and St. Johns Colleges "shall be, and they are hereby—to be one University by the name of the *University of Maryland*, whereof the governor of the State for the time being shall be the chancellor, and the principal of one of the colleges shall be vice-chancellor."

During the next half-dozen years after the action of the Assembly, each school continued its separate way and under its own management; and there was apparently no serious effort to realize the unified program suggested by the legislative declaration. In November, 1790, however, a meeting of representatives of the two schools was held in Annapolis, but neither then nor at another "convocation" in May, 1791, was an agreement reached concerning the proposed "University"; and, after the latter date, the records fail to show any further significant development in the plan to unify. Various explanations for this failure have been made. These tend to stress the jealousy of the two Shores toward each other, as well as the alleged impracticability of the plan. Whatever the reasons, it is clear that the propitious moment had not yet arrived. It is equally clear, too, that no direct relationship exists between these early steps growing out of the Act of 1784 and the institution known today as the University of Maryland.

IT THUS APPEARS THAT THESE EVENTS FROM 1784 TO 1791 are more particularly the prologue to our story, rather than the real thing; it should be noted, nevertheless, that already a chain of circumstances was developing which would, before very long, lead to the origin of the modern University. True, these occurrences did not seem likely, as they began to happen, to lead to any such result since they were apparently related to another and quite different matter.

In fact, it is in a sequence of more or less obscure happenings involving the early history of medicine in Maryland—and certain members of the medical profession in Baltimore—that we find the true beginning of our institutional story. Dr. Eugene F. Cordell, the great historian of the Medical School in Baltimore, has correctly pointed out that the University of Maryland "is unique among modern Universities—in being founded upon a School of Medicine." This is true, he asserts, despite the fact that generally it would be regarded as a serious handicap to success to attempt to start the building of an institution devoted to all aspects of higher learning from such an origin, inasmuch as "the basis of all higher education must ever be the department of literature" and the arts, the sciences, and the humanities, which are the feeders "of the professional schools." Fortunately, these broad and basic fields, so necessary to the ultimate success of education in the "professions," were to make their belated appearance in the course of time, although it would require more than a century to establish them securely in the program of the University. In truth, it was not until the Consolidation Act of 1920, that the Arts and Sciences College was to become a vital part of the institutional program.

In the last ten years of the Eighteenth Century and in the first ten of the Nineteenth Century, there was slowly being formed in Baltimore a "Medical and Chirurgical" society, which had as its major interest the elimination of many of the loose practices and ignorance that so often, in that period, characterized the field of medicine. This drive for better standards in the profession was occurring none too soon, for Baltimore was growing rapidly and already had attained, by 1810, a population large enough to make it the third city in size in the United States. Its medical practitioners now numbered more than two hundred, and counted, among them, some of the finest doctors and surgeons to be found in America, including even a few trained in famous schools in Scotland and Germany. Even so, there were many "quacks" preying upon the sick and the helpless; and there was need of closer supervision of licensing on a statewide basis, which the Baltimore society was attempting to achieve.²

The idea of a medical school in Baltimore to give better training for prospective doctors and surgeons was not new. The famous Dr. Charles Frederick Wiesenthal, who had come from Prussia in 1755, had long been conducting classes in the rear of his place at Gay and Fayette streets. When he died in 1789, his son, Andrew, whom he had trained, and Dr.

George Buchanan continued this work, at least until Andrew's death in 1798. Meanwhile, Dr. John Beale Davidge, after he arrived in Baltimore in 1796, began also to lecture in "Anatomy, Surgery, Midwifery, and Physiology" and soon the "Medical and Chirurgical" group undertook to give active assistance to this program. Out of it, in 1807, was to come "The College of Medicine of Maryland," which, in the ensuing five years, would develop into the second school to be called officially the "University of Maryland."

THE BASIC ACT OF THE GENERAL ASSEMBLY OF DECEMBER, 1807, establishing the "College of Medicine" deserves recognition as the first official action by the State relating to the modern "University." It is therefore the basic charter act of our present institution, because the original "College," by virtue of the later Act of 1812, creating the University, became an integral part of the new institution without the specific revocation of the Act of 1807. As a matter of fact, the new charter of 1812 actually authorized the existing "College of Medicine of Maryland" to "constitute, appoint and annex to itself (three other) colleges or faculties, viz: The Faculty of Divinity, The Faculty of Law and The Faculty of the Arts and Sciences." These "four faculties or colleges, thus united," were to be, according to the Act, "constituted an University, by the name and under the title of The University of Maryland."

Even before the passage of this historic measure by the Maryland General Assembly in 1812, definite steps had been taken to provide a permanent home for the College of Medicine, at the site where the Baltimore branch of the University is still to be found, at the corner of Lombard and Greene Streets. The medical group, to solve this problem, had enlisted the aid of certain distinguished citizens, among whom were Colonel John Eager Howard, famous Revolutionary War hero and fifth State Governor of Maryland; Robert Oliver, merchant prince and banker, whose commercial empire extended over several continents; Robert Gilmore and John and David Hoffman. The sum of \$11,000 was spent to secure "the lot" and the services of R. Cary Long, an eminent architect, were secured to produce the design for the first permanent edifice on the "new campus." The corner stone of this building was laid on April 7, 1811, and the construction was completed, apparently in 1813, although some classes may have been held there in the very year that the second war with Great Britain started.³ Funds from lotteries and public subscriptions made this program possible.

"Old Main," as some have come to refer to it, was, from the very first, a commanding monument on the landscape. Fronting "on the Washington road," and with "an extensive prospect down the Patapsco and Chesapeake," the structure was developed "on the plan of the (old) Pantheon at Rome." Its great dome, as well as its distinctive front portico and eight great exterior columns supporting the temple-like roof, was in the best classical tradition.

All in all, it was a grand setting in which to launch the ambitious new University project, and it, without doubt, was a considerable factor not only in the enthusiastic reception that acclaimed the birth of the School, but in its continuing and permanent public support. In the years ahead, moreover, "Old Main" was "the centre around which other departments" and other buildings would cluster in what was then "the western

end of the city."⁴ The trials and tribulations of the University of Maryland were, of course, only just beginning. Still, in the solution of the complex future problems that must be faced, there was always the assurance to be derived from the enduring and enlightened steps already taken.

NOTES

¹For the first "University Act," see the Laws of Maryland, 1784, Chapter 37, Sections 33 to 35. The full text of both the Act of 1807, and that of 1812, are to be found in Eugene F. Cordell, *University of Maryland, 1807-1907. Its History, Influence, Equipment and Characteristics With Biographical Sketches and Portraits of its Founders, Benefactors, Regents, Faculty and Alumni*, New York, and Chicago, 1907, two volumes. The first chapter of Volume I is especially helpful with reference to the early story, and to these Acts.

It may be of interest to point out that, in the early part of the Twentieth Century, efforts were again directed toward bringing St. Johns College (Annapolis) within the State University system; but once more, these failed.

²In addition to Cordell's work, cited above, there is also an earlier single volume by this author, entitled *Historical Sketch of the University of Maryland School of Medicine, 1807-1890*, Baltimore, 1891. A useful discussion of the early history of Baltimore, as well as of the early medical movement there is to be found in J. Thomas Scharf, *History of Baltimore City and County*, Philadelphia, 1881. See therein especially pages 729 to 757.

³R. Cary Long was born in Maryland in 1772. He rose from the status of a skilled carpenter to become one of the great architects of the early national period. Also, he was primarily responsible for the early introduction in Baltimore of illuminating gas. Baltimore's use of gas lighting marks its beginning in the United States. Only London, England, at that time had installed such a system. Long aided later in bringing gas to both Boston and Philadelphia. Long was responsible for numerous public buildings in Baltimore; and he laid out "Canton" suburb. He had a son by the same name, who also became an architect of distinction.

Tradition has it that a large crowd of anxious Baltimoreans viewed the spectacular firing on Fort McHenry from the front entrance of "Old Main"—the events in other words that led to the writing of the *Star Spangled Banner* in 1814.

Lotteries were a common means in the early national period for financing public enterprises of many kinds. Public opinion seems to have turned against their use generally in the period from 1850 to 1860, when laws were passed to outlaw them. It is significant, in this connection, that the Act of the Maryland Legislature creating the College Park school in 1856 provided for a system of selling "stock" for the raising of funds. Support for public education by direct taxation, though occasionally employed, was rare in Maryland prior to the Civil War.

⁴The "Divinity School" operated only a short time after the creation of the University of Maryland in 1812. The Arts and Sciences faculty struggled along in indifferent fashion until the period between 1827 and 1830, when an effort to revive this phase of the program was marked by the annexation of an independently operating "Baltimore College." That effort also was doomed to failure. Thus only the Medical School and the Law School remained active up to the time of the Act of 1882. Meanwhile both the Dental and Pharmacy curricula had some development in the period particularly after 1840, but neither was a separate department of the University prior to 1882. See, in this connection, the "Supplementary Act of 1882," Chapter 88, Laws of Maryland for that year, which stressed chiefly the Dental and Pharmacy Schools, as separate departments of the University. In this regard it should be noted that the Baltimore College of Dental Surgery, an institution at first loosely associated, but not directly connected with the University Medical School, was founded in 1839—one of the oldest dental schools in the United States.

Meanwhile, of course, the new Maryland Agricultural and Mechanical College had been born at College Park. It had from its beginning in 1856 some courses relating to the Arts and Sciences, but these had little emphasis for many years. The Act of April 11, 1916, to be found in Chapter 372, Laws of Maryland for that year, greatly enlarged the scope and functions of the College Park school, preparatory to the consolidation measure of April 9, 1920, which, at long last, brought the original University of Maryland in Baltimore and the College Park school together in one greatly expanded University program. See the Laws of Maryland, 1920, Chapter 480.

The Maryland Blue Crab

Pasteurization Now Makes This Delightful Delicacy
from the Chesapeake Available to Gourmets Everywhere

By Mildred Gerke Wharton

FROM THE EARLIEST DAYS OF THE COLONY, THE CHESAPEAKE Bay has provided citizens of Maryland with bountiful seafood harvests.

Oysters from the Bay are known and appreciated throughout the United States. Until recently, however, Chesapeake crabmeat, a highly perishable product, has been somewhat limited in its range of use from the East Coast. New processing discoveries have now made possible shipment to the Midwest and even the Far West.

The crabmeat industry began in Maryland late in the Nineteenth Century and, although it has spread to all of the South Atlantic and Gulf States, Maryland remains the largest producer of this gastronomic delicacy. The blue crab is found abundantly in the Chesapeake Bay and the best season for catching is during the summer months. Rules affecting lobster traps also apply to crab-pots and watermen observe careful methods of ownership. A normal catch for a day would approximate several hundred pounds. Crab-processing plants buy the crabs in one-hundred-pound barrels. After purchase, the crabs are cooked, picked and packed for market. The yield of crabmeat from one hundred pounds of live crabs is about twelve pounds so it isn't difficult to visualize the percentage of waste and the labor required to produce this delicacy. The Seafood Processing Laboratory of the University of Maryland studied the entire process to determine best methods of handling. The Laboratory is located in Crisfield, a small fishing village that has been called the "Seafood Capital of the World."

Results from experimental work carried on at the Laboratory have shown that both yield and flavor are improved by careful cooking prior to picking the meat. Crabmeat, after it is picked, is highly perishable. Large quantities flood the market during the summer months and then later in February or March becomes scarce and expensive. However, crabmeat can now be pasteurized and still retain its fine fresh flavor. When pasteurized, the crabmeat can be kept on ice or under refrigeration for six months. Pasteurization of crabmeat is a

process that has been known for a number of years but not widely practiced until the Seafood Processing Laboratory restudied the process and made its findings available to the industry. Much crabmeat is now being pasteurized and is available in quantity to all who wish to take advantage of Maryland's finest product.

Three types of meat are picked from the blue crab: lump or backfin, white flake or regular, and claw. Back fin and regular are removed from the body of the crab and do not differ in taste. Claw, as the name implies is picked from the claws, is darker in color and has more flavor. The backfin is the premium product characterized by the large size of the individual morsels of delicate taste. Although the regular meat is as delicious as the back fin, the smaller flakes make it less suitable for many crabmeat dishes and it commands a lower price. Claw meat is at present the least expensive but favored by some in the making of crab cakes.

FOR MANY YEARS BOTH BALTIMORE AND WASHINGTON, D. C., have been cities of fine restaurants. Many of these restaurants feature crabmeat in a number of delightful preparations. Perhaps the most distinguished of recipes for backfin is the Crab Imperial. Of many recipes for this dish of dishes, the following is a favorite; from Thompson's Seafood Restaurant:

(5-6 SERVINGS)

- 1 LB. BACKFIN CRABMEAT. REMOVE SHELL.
- 1/2 CUP MAYONNAISE; GOOD GRADE.
- 2 T. CAPERS.

Blend gently. Place 4 oz. servings in natural crab shells or Laroco patented paper crab shells. Sprinkle very lightly with paprika. Bake in 425 degree oven for 25 minutes.

Governor Tawes of Maryland has written Bish Thompson that he excels all others in making and serving one of the finest Crab Imperials he has ever eaten. One of the attractions of Crab Imperial is that it blends so well with other seafoods. My husband's favorite seafood used to be Abalone sauted in butter. This was before he experienced the sheer gastronomic delight of Broiled Lobster stuffed with Imperial Crab at Thompson's. Another one of their successful entrees is Baked Shrimp stuffed with Imperial Crab.

From a famous caterer in the Washington area, Mr. Pietro Orcino, of Avignone Freres, we have a special recipe for crab cakes:

Mrs. G. W. Wharton, former University dietitian, is the wife of Dr. G. W. Wharton, Professor and Head of the Department of Zoology. The Department administers the University's Seafood Processing Laboratory at Crisfield.

Mrs. Wharton was graduated from Ohio State University in 1938 and has served as a dietitian at the University of Texas, the University of Colorado, Vanderbilt University and the University of Maryland.

She is a Past-President of Phi Upsilon Omicron Alumnae Association (Washington) and a member of the Board of Directors, Steward's and Caterer's Association (Washington).

(6 LARGE CRAB CAKES)

- 1 LB. CRABMEAT, SPECIAL (REMOVE SHELL).
- 1 CUP MED. CREAM SAUCE.
- 1/3 T. SEAFOOD SEASONING.
- 1 T. CHOPPED ONIONS.
- 1 T. CHOPPED PARSLEY.
- SAUTE LIGHTLY

Mix gently and form into cakes, dip in beaten egg wash, roll in bread crumbs and fry in deep fat. Avoid over-cooking.

Many other delightful ways of preparing and serving crabmeat are known. One luncheon favorite at the Sheraton is Avocado stuffed with crab salad. Other items such as Crab Norfolk, deviled crab and crab casseroles are easy to prepare and are enjoyed by many in this area.

From a recipe booklet written by Maryland's first lady, Mrs. J. Millard Tawes, this favorite recipe on Crab Canapes is given:

8 OZ. CRABMEAT

- 1 TEAS. HORSERADISH
- 1/2 TEAS. PREPARED MUSTARD
- 1/2 CUP MAYONNAISE
- 1/2 TEAS. WORCESTERSHIRE SAUCE
- 2 TEAS. SHERRY

Combine all ingredients; chill. Serve on toasted bread rounds or crackers. Garnish with grated egg yolk.

As the techniques of Pasteurization and refrigeration are applied to the processing and distribution of the crabmeat of the Maryland Blue Crab, appreciation of this delicacy will advance from Crisfield, to Cincinnati, to Chicago and points everywhere.

After centuries of use as a regional food, Maryland crabmeat now seems destined to tempt, tantalize and satisfy the national palate.

Do You Remember?



THE ABOVE PHOTOGRAPH WAS A RECENT GIFT TO THE Maryland and Rare Books Department in the McKeldin Library at College Park. It was given by Mr. James C. Smith, of Little Orleans, Maryland, who acquired it along with some other items he had purchased in a shop. Having no special need for the photograph he felt that the best possible place for it would be among the University's archives.

The photograph is believed to have been taken at the Maryland Agricultural College in 1907 or 1908. Several persons who later achieved prominence have been identified. Can you spot them? If you can identify any of the persons in this photograph, please notify the Maryland and Rare Books Department.

The University is grateful to Mr. Smith for turning up this unusual fragment of University history. There are many such

items residing in dusty attics or being discarded because people do not know that the University is now actively searching for and collecting such material for permanent record. The Department is seeking many different types of materials: programs, yearbooks, photographs, pamphlets, reports, all type of publications, copies of speeches, receipts, etc.

If you have University or State materials which you feel should be added to the collection, please notify

PROFESSOR HOWARD ROVELSTAD, DIRECTOR OF LIBRARIES
or MRS. HAROLD HAYES, LIBRARIAN, MARYLAND AND RARE
BOOKS DEPARTMENT
MCKELDIN LIBRARY
UNIVERSITY OF MARYLAND
COLLEGE PARK, MARYLAND

...unselfish devotion to his fellowman...

A Testimonial Dinner in Cumberland Honors Retiring Member of the Board of Regents, Edmund S. Burke

Remarks by President Elkins

I AM PLEASED TO HAVE THE PRIVILEGE OF REPRESENTING the University of Maryland at this dinner and particularly the Board of Regents as their Executive Officer. I share with many a personal admiration for the honored guest.

If there is any need to demonstrate the attitude of the Board and the administration toward Mr. Burke, sufficient evidence of a warm feeling should be found in the decision of the Board to meet in Cumberland at this time. Our regular meeting places, for rather obvious reasons, are in Baltimore and College Park; and this is the first time during my administration and, according to the records for the past twenty years, only the third time a Board meeting has been held away from College Park and Baltimore.

And let me add that we are extremely happy to be in Cumberland, thanks to the occasion and, to some extent, the persuasiveness of Judge Walsh.

The University is a complex organization, and is becoming more so each succeeding day. The direction of the University is placed in the hands of a governing Board, and its success is determined, in a large measure, by the *quality* of its membership. The State of Maryland can be justly proud of the men and women who have served, and who, over the years, have developed a great institution to nourish and support our democratic way of life.

Individual members bring to the Board varied talents and

interests, but above all they must bring integrity, vision, courage, and a devotion to high public service.

Mr. Burke displayed all of these qualities in full measure during his nine-year term from 1950 to 1959. In addition, he made a special contribution as he approached the problems of the Board from the point of view of a businessman and, as I well know, demanded a clear, concise presentation of our proposals. *The University is a better place today because of his knowledge and leadership.*

I know, too, Mr. Burke that you would be the first to acknowledge that you have had some help, and perhaps a little advice, from your wife, and that she deserves to share this recognition of your achievements.

Speaking for members of the Board of Regents and the entire University community, I congratulate those who are responsible for this event in appreciation of a man whose distinguished career and unselfish devotion to the welfare of his fellow man will long remain an inspiration to all of us and to all he served. As it has been said of other truly great men, "If you would find his monument, look about you."

You, Mr. Burke and Mrs. Burke, may receive many gifts as tokens of appreciation; but the real reward, I trust, will be a deep sense of personal satisfaction which comes only to those who share the fruits of their talents with others. This you have done and may you continue to enjoy God's richest blessings.

Maryland Books and Authors

Edited by Mrs. Harold Hayes, Head,

Maryland and Rare Books Department

Loney, Dr. Glenn. BRIEFING AND CONFERENCE TECHNIQUES. New York: McGraw-Hill. 1959. 194 p. \$5.50. (McGraw-Hill Series in Speech).

THE UNIVERSITY OF MARYLAND HAS joined many other outstanding universities in representation in McGraw-Hill's speech series.

Dr. Glenn Loney, a former member of the speech staff of Maryland's Overseas Program, has written a book that

covers two fields of speech heretofore mentioned only briefly in standard works on speech.

Briefing and Conference Techniques is a unique and invaluable text in that it presents the main points to be remembered in using the closely related skills of public speaking, audio-visual aids, briefing and conferencing. It was written specifically for the student who needs a general outline of these aspects of speech: for the executive, the group leader, the scientist, the military or pro-



fessional man who wishes to become more effective in conference and presentation techniques.

(Continued on next page)

UNIVERSITY SPORTS

By JOE BLAIR

Sports Editor

1960 Spring Sports

Dr. Loney has divided his book into four sections: "Basic Communications," "Audio-visual Aids for Speakers," "Written and Oral Briefing Techniques," and "Conference Techniques."

Each section is clearly outlined for the reader, with a summary at the end of each section. The author has made extensive use of example to illustrate his points. Dozens of well-chosen pictures, graphs, charts and diagrams make it easy for the reader to follow the text.

Dr. Loney's book is the first one to treat audio-visual aids as material related to the conference situation. He considers almost all possibilities of sound and sight devices to get and hold audience attention, to give the speech impact, and to aid in comprehension and retention of the speaker's ideas.

At the end of the book Dr. Loney has included an extensive bibliography for those who wish more specifics about the four sections of the book.

Dr. Loney joined the overseas staff of the University of Maryland in the summer of 1956 and began teaching at Pepperrell Air Force Base in St. John's, Newfoundland. For the past two and a half years he has been in Europe and has taught in Verdun, Naples, Manchester, Athens, Munich, and Dhahran, Saudi Arabia.

Although the book was written while Dr. Loney was a member of the European Staff, he is now on the Faculty of the Drama Department at Hofstra College, Hempstead, Long Island, N. Y. He is presently writing a novel and translating a play. An interview with Katina Paxinou, the famous Greek actress, was recently published in an issue of *Theatre Arts*. Dr. Loney is to be commended on his industry and his outstanding contribution to the field of speech.

—REVIEWED BY GEORGE J. DILLAVOU
DIRECTOR, ATLANTIC DIVISION
UNIVERSITY COLLEGE.

Future reviews will include *Thomas Paine: Man of Reason* by Dr. Alfred O. Aldridge, and *The Anatomy of American Popular Culture, 1840-1861*, by Dr. Carl Bode.

BASEBALL

Mar. 29	Dartmouth	Home
31	Syracuse	Home
Apr. 2	Colgate	Home
5	Navy	Away
7	N. C. State	Away
8	South Carolina	Away
9	Clemson	Away
14	North Carolina	Away
15	Wake Forest	Away
16	Duke	Away
18	Clemson	Home
19	South Carolina	Home
26	Johns Hopkins	Away
28	Georgetown	Home
30	Virginia	Away
May 2	North Carolina	Home
3	N. C. State	Home
5	Georgetown	Away
7	Penn State	Away
9	Duke	Home
10	Wake Forest	Home
16	Virginia	Home

COACH: H. BURTON SHIPLEY

TENNIS

Mar. 26	M.I.T.	Home
31	Syracuse	Home
Apr. 2	Georgetown	Home
4	Brown	Home
5	Virginia	Home
9	Penn State	Away
13	Navy	Away
22	N. C. State	Away
23	Duke	Away
25	Wake Forest	Home
28	Johns Hopkins	Home
May 2	South Carolina	Away
3	Clemson	Away
7	North Carolina	Home
12-13-14	ACC Tournament	N.C. St.

COACH: DOYLE ROYAL

GOLF

Mar. 28	South Carolina	Away
29	Clemson	Away
Apr. 2	Princeton	Home
4	N. C. State	Home
9	Penn St.-Georgetown	Home
23	Va.-Wake Forest	Home
25	Georgetown	Home
27	Navy	Away
May 4	Johns Hopkins	Away
6	North Carolina	Away
7	Duke	Away
13-14	ACC Tournament	Durham, N. C.

COACH: FRANK CRONIN

OUTDOOR TRACK

Mar. 26	Florida Relays	Away
Apr. 14	Duke	Away
23	North Carolina	Away
29-30	Penn Relays	Philadelphia
May 3	DC A.A.U.	Home
7	Navy-Georgetown	Home
13-14	ACC Meet	Home
27-28	IC-4A Meet	New York

COACH: JIM KEHOE

LACROSSE

Mar. 19	Mt. Washington (Exhibition)	Away
26	Virginia	Away
Apr. 2	Princeton	Home
8	New Hampshire	Home
9	Washington and Lee	Home
23	Syracuse	Away
30	Navy	Home
May 7	Army	Away
14	Duke	Away
18	Penn State	Home
21	Johns Hopkins	Away

CO-COACHES: JACK FABER AND AL HEAGY

Campus Notes

Continued from page 4

partment of Botany, has been named recently to state and national posts of importance.

Action taken by Maryland Governor J. Millard Tawes appointed Dr. Bamford to the Board of Natural Resources for the remainder of a four-year term beginning June 1, 1958. Governor Tawes stated: "I am confident that your judgment and ability in performing the duties of this office will be to the advantage of the State and its people."

Dean Bamford is also a recently elected member of the Board of Directors, Oak Ridge Institute of Nuclear Studies. The election took place at the annual meeting of the Institute's Council—a body composed of one representative from each of the 37 southern universities which compose the non-profit, educational corporation. The Board of Directors manages the organization for member universities.

C. M. WHITE TO RECEIVE FAIRLESS AWARD

Another outstanding honor has come to Charles M. White, Civil Engineering '16, Chairman of the Board and Chief Executive Officer of Republic Steel Corp., with the announcement by the American Institute of Mining, Metallurgical, and Petroleum Engineers that he has been named for its Benjamin F. Fairless Award.

To be presented to Mr. White at the Annual Meeting of AIME, in New York City, February 14-18, 1960, the Award is in recognition of the fact that "his ability, energy and determination in starting the top-pressure blast furnace and foresight in providing it with



Mr. White

prepared burdens have created the world's dominant metal producer."

The Benjamin F. Fairless Award was established in 1954 through a fund provided by the U. S. Steel Corp. It recognizes distinguished achievement in iron and steel production and ferrous metallurgy. It is designed to honor Mr. Fairless for his intense interest in the technology and development of the iron and steel industry.

Born in Oakland, Maryland, Mr. White was graduated from the University of Maryland as a mechanical engineer. In 1913, he began his career in steel as a machinist helper with the American Bridge Company at Ambridge, Pennsylvania. Joining Jones and Laughlin Steel Corp. as a millwright helper in a sintering plant he became plant superintendent in two years. Extensive experience in blast furnace op-

eration developed with his work as master mechanic in charge of construction, maintenance and power. He served, also, as general superintendent of an interplant railway.

In 1927, Mr. White was appointed Assistant General Superintendent of the J & L Aliquippa Works. Two years later he was made General Superintendent. In 1930, Mr. White joined the newly organized Republic Steel Corp. as Assistant Vice President, Operations. He became operating Vice President in 1935, President in 1945 and Chairman in 1956.

FULLERTON ADDRESSES JOURNALISM GROUP

Max Fullerton, Associated Press Bureau Chief for Maryland and West Virginia, recently made an address to the faculty and students of the Department of Journalism and Public Relations. The annual program commemorated National Newspaper Week.

Speaking on the subject of the role of journalism departments in preparing future journalists, Mr. Fullerton told his audience that teaching future newsmen the tools of their trade is only part of the job which must be done by the nation's newsmen.

He said that tomorrow's journalists should also be equipped with "the broadest possible outlook."

One of the nation's most well-known and respected journalists, Mr. Fullerton celebrated his 30th anniversary with the Associated Press in November. He was presented with a cake by Sigma Delta Chi in honor of the occasion.

Journalist Fullerton addresses Maryland students



**ADVERTISE
IN
MARYLAND
MAGAZINE**

HOSPITAL INSTITUTES NEW PROGRAM

A new development program for supervisory employees at University Hospital began early in November.

The program, which was a year in planning, is the result of a comprehensive survey of the organization's need. Its purpose is to re-emphasize the various facets of the management function in the administration of the hospital and to develop all supervisory personnel to optimum proficiency.

The program is one of the responsibilities of Edward H. Noroian, who has previously had administrative responsibility for similar programs in other hospitals. Mr. Noroian states that only by continually developing supervisory capabilities can hospitals hope to meet problems resulting from increased demand for services without the concomitant increase in work force.

Top level administrative officers on the University's Baltimore campus, including the Director of University Hospital, tested the program by participation and aided in its final formulation.



Dr. Nerboso

DR. NERBOSO NAMED ASSISTANT DIRECTOR

Dr. Salvatore D. Nerboso, formerly librarian and research assistant of the *New York Times'* Washington Bureau, was recently appointed Assistant Director of Libraries in charge of readers' services. Dr. Nerboso was graduated with a B.A. degree from the University of New Hampshire in 1941, and an M.A. degree from George Washington University in 1944. In addition, he

holds both M.A. and Ph.D. degrees in political science from Harvard University. He was awarded a B.S. degree in library science by Columbia University in 1947.

Dr. Nerboso has authored numerous articles for library science and political science periodicals.

College of

AGRICULTURE

A. B. Hamilton

DOWN UNDER

Russell G. Dent, '56, is an entomologist for the Department of Agriculture for South Australia and is located at 1 Greenways, King William Rd., North Adelaide, Australia. Dent would like to contact other Marylanders in the area.

DAIRY JUDGES

Maryland 4-H Dairy Judging Team is tops in the nation for the 14th time. The team won over teams from 33 States competing in the National Dairy Cattle Judging Contest at Waterloo, Iowa.

The team won by a wide margin by scoring a total of 2,062 points. By winning the national contest they are now eligible to receive an invitation to the International Dairy Cattle Judging Contest in London, England. The international show will be held in 1960.

Members of the team were John L. King, Jr., Gaithersburg, Montgomery County; Marlin K. Hoff, New Windsor, Carroll County; Mary Ellen Grove, Hagerstown, Washington County; and Jane W. Neilson, New Windsor, Frederick County. Hoff had the high individual score of the contest with 703 points and Miss Neilson was a close second with 699. To win the contest the Maryland team placed first in three of the four classes and second in the other class. Coaches for the team were John Morris and Miss Dorothy Emerson of the University of Maryland Extension Service.

PRODUCE COMPANY

Charles A. Hatfield, Jr., '54, is with Libby, McNeill and Libby, vegetable processors at Milford, Delaware.

ENGLER

William "Bill" Ebersole, '58, is in flight training at the Marine base at Pensacola, Florida. He expects to get his wings in the near future, but it is rumored he will "walk down the aisle" before his trip into the "blue yonder."

LADIES GO WEST

Maryland Homemakers were represented by 37 members at the National Home Demonstration Council Convention at Portland, Oregon.

Traveling by chartered bus, the ladies had a cross-country tour of America's agriculture and resources; a homemaker expressed it this way, "I have traveled a lot, but this was the best trip I have ever taken."

HANNAN MARKETING SPECIALIST

James L. Hannan, '58, has been named by Pennsylvania State University as the extension marketing agent for the Philadelphia area. Dr. H. R. Albrecht, extension director, said Hannan will be stationed in Norristown with an office in the courthouse.

Hannan prepared for college at Glen Burnie High School and at the University of Maryland he majored in Agricultural Economics. He received a master of science degree in marketing from Cornell University in 1959. At Maryland he held offices in Alpha Gamma Rho, Alpha Zeta and the Agricultural Economics Club.

AGRICULTURAL MUSEUM

Lest you forget, the agricultural museum continues to grow. Several years ago a group of University alumni started collecting antique farm tools and placed them on display in Shriver Hall, the home of Agricultural Engineering.

Many of the items received were in need of repair and this is being done. Mr. James King is on a part-time basis to make the repairs. Many will remember Mr. King as the master carpenter at the University who could fix anything. When he retired from full duty it was agreed he could help us. Mr. King loves his new assignment. If you

(Continued on next page)

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have some old farm tools or equipment contact Guy Gienger, at the Agricultural Engineering Department. Also stop in and see what Mr. King has done.

College of ARTS AND SCIENCES

Staff of the College

FROM THE DEPARTMENT OF MICROBIOLOGY

Dr. Michael J. Pelczar, Jr., Professor of Microbiology, participated in a one-day conference on "Biology Teaching in the Washington Area," held at Howard University on December 5th. Agenda for the conference consisted of (1) local problems in the teaching of secondary school biology owing to the need for college preparation; (2) local problems in the teaching of college biology owing to secondary school preparation; and (3) suggestions for improvement of secondary school and college relations in biology in the Washington area. The conference was made possible through a grant, from the National Science Foundation to the Washington Academy of Sciences, administered by the

Joint Board on Sciences Education for the Greater Washington Area.

Raymond N. Doetsch, Associate Professor of Microbiology, and Philip J. Provost, Graduate Assistant, presented a paper entitled "Biological Characteristics of *Peptostreptococcus* sp." at a recent meeting of the Washington Branch of the Society of American Bacteriologists, held at the Walter Reed Army Institute of Research.

Dr. Pelczar has been appointed as President Elkins' representative for the University of Maryland on the Council of the Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tennessee.

FINE ARTS DEPARTMENT NEWS

The well-known American artist, Mitchell Jamieson, who recently joined the staff of the Department of Art, had a one-man show of his paintings at the Student Union during October. Mr. Jamieson's work is represented in a number of public buildings, including murals for U. S. Post Offices in Upper Marlboro and Laurel, Maryland; Willard, Ohio; the Marian Anderson Mural in the United States Department of Interior; and one in the General Accounting Office Building, Washington, D. C. He received a First Prize in Pepsi-Cola's Fifth Annual Art Com-

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CLOVERLAND -- THE DAIRY WITH COWS (Calves, too)

▶ Visit Cloverland's Golden Guernsey Farm—Dulaney Valley Road—8 miles north of Towson. Milking starts at 4 P.M. ◀

petition, 1948; Guggenheim Foundation Awards in 1947 and 1948; and a grant from the American Academy of Arts and Letters. During World War II he served as a combat artist with the Navy. In addition to many private collections, paintings and drawings by Mr. Jamieson are in the Whitney Museum of Art, Brooklyn Museum, Metropolitan Museum of Art, Cornell University, Phillips Memorial Gallery, The Corcoran Gallery of Art, Walker Art Center, Wichita Art Museum, Fort Worth Art Center, The University of Nebraska, Portland Art Museum, University of Washington, Seattle Art Museum, and the Norton Gallery of Art. His work has been reproduced in a number of publications.

"Old Man," a painting by Herman Maril of the Art Department faculty, was one of the works of art in the Dr. Mason F. Lord Collection given recently to Johns Hopkins University.

On November 25th the Art Department presented a program which featured Eliot O'Hara, one of America's best known watercolorists. Mr. O'Hara gave a demonstration of watercolor techniques. In addition, several recent films made by the artist were shown.

"Indigo," a painting by a former Art Department student, Merry Ellen Foster, was among the winners in a show sponsored by the Montgomery County Art Association. It was on exhibit in the McKeldin Library during the month of October.

BIBLIOTHÈQUE NATIONALE RESEARCH

Professor Alfred Bingham, as a result of research in Paris carried on during his sabbatical leave, 1957-58, has prepared a series of articles for learned journals, two of which have already been published abroad: "Voltaire and the Encyclopédie Méthodique," in *Studies on Voltaire and the 18th Century*; and "The Abbé Bergier: An 18th Century French Catholic Apologist," in *Modern Language Review*, Oxford, England.

OLD FRENCH

Professor Eleanor Webster Bulatkin published an article in the December issue of the *Publications of the Modern Language Association*, "The Arithmetic Structure of the Old-French Poem *La Vie de Saint Alecis*."

(Continued on next page)

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PROFESSOR ALDRIDGE VISITS YALE

During the first semester Professor Alfred Owen Aldridge of the English Department was twice invited to Yale University to participate in ceremonies honoring authors about whom he has written. On October 27 he attended the opening at the Yale Library of an exhibit of rare books and manuscripts of Thomas Paine. At the same time the

Yale Cooperative Book Store featured a display of Professor Aldridge's biography of Paine (*Man of Reason*, Lippincott, 1959). On November 23 Professor Aldridge attended ceremonies commemorating the publication of Volume One of a new edition of the *Writings of Benjamin Franklin*. This edition, sponsored jointly by Yale University and the American Philosophical Society at a cost of a quarter of a million dollars,

represents one of the major editorial projects of the century. Professor Aldridge's work on Franklin is mentioned several times in Volume One and there are also references to two scholars who wrote Ph.D. theses at Maryland: Dr. Robert Newcomb, Assistant Professor of English at Ball State College, and Dr. Jack C. Barnes, Assistant Professor of English at the University of Maryland.

PHILOSOPHER HONORED

Professor Lucius Garvin, Head of the Department of Philosophy, returned to the campus this fall after a year's leave of absence, in the course of which he occupied two important lectureships in philosophy. His Tully Cleon Knoles Lectures in Philosophy, delivered at the College of the Pacific, have been published under the title, "The Free Man in a Free Society." At Macalester College and Hamline University he served as visiting professor for one semester, lecturing on "Great Issues" of our times.

ON GERMAN EXPRESSIONISM

Professor Cristoph Hering has reviewed Walter H. Sokel's *The Winter in Extremis*. The review appeared in the December issue of the University of Wisconsin's *Monatshefte*.

ON THE MARYLAND GERMANS

Professor A. E. Zucker, Head of the Department of Foreign Languages, has written on "Adolph Steinman, Baltimore Musician" for the recent 1959 issue of the *Reports of the Society for The History of The Germans in Maryland*.

BOOKS FOR THE LIBRARY

Mrs. Marie Boborykine has been assisting the Department's Library Representative, Dr. Quynn, by expanding the Russian collection in the Library. One of her former students, Donald Hitchcock, a recent Ph.D. from Harvard who has just been appointed to the University of Washington, considers that "we have a good start toward building up a graduate school library in Russian studies."

The Municipal Library of Leningrad has just invited the University of Maryland Library to join in an exchange program of books. Our Librarian, Mr.



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Howard Rovelstad, called upon Mrs. Boborykine to translate the correspondence involved. She herself was born in Leningrad, where her father was an educational official.

More students than ever are taking Russian courses in the Department. Another of Mrs. Boborykine's former students, Nick Lee, who is working for his doctorate, is assisting her in the Department.

HONOR SOCIETY

Delta chapter of the National Spanish Honor Society, Sigma Delta Pi, was re-activated on the Maryland campus last spring. The chapter celebrated its awakening with the initiation of student and honorary members. Dr. James O. Swain of the University of Tennessee and Executive Secretary of the national office was present. The initiation ceremony took place in the Terrapin Room of the dining hall and was followed by a dinner in the President's dining room. The Honorable Francisco Aguilera, Specialist in Hispanic Culture of the Hispanic Foundation of the Library of Congress, was initiated as an honorary member. He spoke on Spanish-American poetry. The second guest of honor was Professor George McSpadden, Chairman of the Department of Romance Languages at George Washington University, the only other university in the Metropolitan area which has a chapter of the Society.

ON NOBEL PRIZE WINNER JIMÉNEZ

Professor Graciela P. Nemes spoke on Juan Ramon Jiménez at a memorial meeting November 12, 1959, on the late Nobel Prize Winner. The poet once taught Spanish at the University of Maryland, where Mrs. Nemes was one of his students. At the meeting, held in the Department of the Interior Auditorium under the auspices of the Institute of Contemporary Arts, the other speakers were Eugenio Florit, Jiménez's critic, and H. R. Hays, his translator. Mrs. Nemes is the biographer of Jiménez.

Dr. Nemes did research last summer on the papers of Jiménez's wife, the late Zenobia Jiménez. These are collected in the Jiménez Room of the University of Puerto Rico.

Professor Nemes was elected in the fall of 1959, as Vice-President of the

(Continued on next page)

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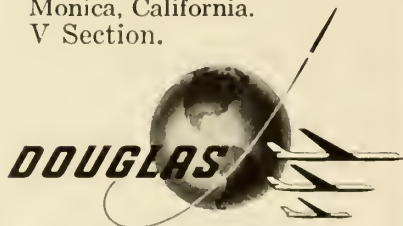
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local chapter of the American Association of Teachers of Spanish and Portuguese. Rhonda Fiste, a former student in the Department, is the new treasurer.

DR. H. BRYCE JORDAN—"ART AND MUSIC"

Dr. H. Bryce Jordan, Associate Professor of Music, has been selected as a member of the faculty for the 1960 Salzburg Seminar in American Studies at Schloss Leopoldskron, Salzburg, Austria.

Sponsored by Americans through private contributions, the seminar "presents to leaders of Western European thought, a unique opportunity to learn about America from Americans of academic and professional distinction." During the past 12 years, more than 3,000 Europeans have attended 58 sessions in American studies.

Over 300 Americans have served as faculty. They receive no salary, only transportation, room and board. Among the 1959 seminar faculty were Herbert Brucker, editor of the *Hartford Courant*; Daniel Bell, Columbia University Professor of Sociology; Ralph F. Fuchs, Indiana University Professor of Law; James B. Conant, former President of Harvard University, and John S. Dickey, President of Dartmouth College.

The 67th session, in which Dr. Jordan will participate, between March 18 and April 15, will be on the subject of "Art and Music in America." Dr. Jordan will deliver 12 lectures on "Music in Contemporary America" which will include a consideration of all aspects of present-day American musical life.

College of BUSINESS AND PUBLIC ADMINISTRATION

BRIEF ITEMS ABOUT ALUMNI

James Colvert Robertson, '57, was awarded the Bachelor of Laws degree at the fall convocation of the George Washington University.

Leon E. Rice, '59, was graduated recently from the Navy's Officer Candidate School in Newport, Rhode Island.

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PRINCESS ANNE, MARYLAND

Ensign Rice has received orders to Jacksonville, Florida.

Louis V. Roy, '59, now an Army Private, recently completed the eight-week finance procedures course at the finance school, Fort Benjamin Harrison, Indiana. He was trained in matters relating to the acquiring, disbursing and accounting of funds.

Jack M. Bowman, M.B.A. '49, was part of the picture when two divisions of the Operations and Engineering Department of the Air Transport Association were combined under a single head. Mr. Bowman will now serve as the Assistant Director—Operations.

Harry S. Davis, '48, has enrolled as a member of the 1960 class of the American Institute for Foreign Trade, Phoenix, Arizona. Mr. Davis is specializing in Latin American trade. His wife, the former Barbara Riecks, Nursing '52, will have an opportunity to learn the language and the customs of the country in which her husband plans to work.

John H. Showalter, '57, has been appointed Supervisor of Machine Accounting by the Sealtest Foods of the National Dairy Products Corporation.

Michael Battaglini, '54, has been appointed as cargo sales representative for Pan American World Airways in Chicago.

STUDY OF REGULATORY COMMISSIONS RECOMMENDED

One of a series of seminars in public affairs held each year by the Government and Politics and Bureau of Governmental Research, an address titled "National Regulatory Commissions: Need for a New Look" has been published in the Bureau's series, *Studies in Government*. The seminar study is authored by Emmette S. Redford, University of Texas Professor of Government.

In his address, Dr. Redford stated that "there is a need for a new look at the (regulatory) commission system to discover ways of drastically simplifying procedure and to concentrate on policy development."

Dr. Redford suggested: "Such a look might be provided by a single high commission representing the Congress and the President, or it might be provided by a series of investigations by congressional committees, the separate commissions, organization specialists in the executive office, and independent scholars."

(Continued on next page)

January - February, 1960

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PROFESSOR KRIMEL TO HEAD NATIONAL COUNCIL

The Director of Maryland's major study sequence in public relations, Dr. Harold W. Krimel, recently accepted the chairmanship of the national Council on Public Relations Education. Announcement of the acceptance was made by Dr. Fred S. Siebert of Michigan State University, President of the Association for Education in Journalism.

The Council is an appointive five-member group which represents public relations education in matters concerning research, grants, fellowship award programs, and convention programs.

DEAN PYLE CHAIRS REGIONAL COMMITTEE

Dr. J. Freeman Pyle, Dean of the College of Business and Public Administration, has been appointed chairman of the committee on regional conferences of the American Association of Collegiate Schools of Business by the President of the Association, Dean Ross M. Trump, School of Business and Public Administration, Washington University, St. Louis, Missouri.

The United States is divided into various regions comprising the member schools of the Association. Each region is represented on the committee for regional conferences by a dean from its section. The conference in each region is sponsored by the members of the Association; however, each conference is open to non-member schools of business as well as member schools. One of the objectives of the American Association of Collegiate Schools of Business is to encourage and assist non-member schools to meet the standards of membership in the American Association.

Other members of the committee for the present year are Dean Karl A. Hill, Dartmouth College; Dean Arthur Weimer, Indiana University; Dean Paul Garner, University of Alabama; Dean Neil Jacoby, University of California, Los Angeles; Dean Eugene Clark, State College of Washington; and Dean James Surface, University of Kansas.

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ACCOUNTING AWARD GOES TO E. H. BAYLISS

Everett H. Bayliss, of North Beach, Maryland, has been selected to receive the Certified Public Accountants, Inc., 1959-60 scholarship award by the accounting faculty of the College of Business and Public Administration.

A senior in the Department of Accounting, Bayliss is a 1954 graduate of Eastern High School in Anne Arundel County.

He is President of Beta Alpha Psi, an honorary accounting fraternity, and chairman of the efficiency committee of the Society for the Advancement of Management.

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NEW JERSEY ALUMNI SECTION MEETS

The annual meeting and scientific program of the New Jersey Alumni Association of the Baltimore College of Dental Surgery, Dental School, University of Maryland, was held at the Robert Treat Hotel, Newark, New Jersey, on Wednesday afternoon and evening, November 4, 1959. There were 71 present.

The scientific program began with a welcome and address by program chairman, Dr. Nicholas Giuditta after which, Dr. Joseph P. Cappuccio spoke on "Complications of Oral Surgery in Dental Practice." "Extraction in the Field of Orthodontics" was the title of the presentation given by Dr. George M. Anderson. These talks were thoroughly enjoyed by all.

A cocktail hour from 5:30 to 6:30 p.m. commenced the evening ceremonies. The Invocation at dinner was given by Reverend Eugene B. Kelly of Somerville, N. J., and special guests were introduced by Dr. Giuditta. Dr. Charles Roberts, 1900, New Jersey's oldest member and Dr. James F. Dooley, '59, one of the youngest members were presented.

(Continued on page 29)

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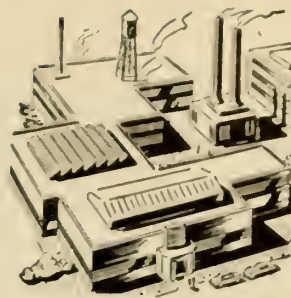
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By SALLY LADIN OGDEN

For Maryland

Baltimore, with its many industries, is still thought of as a sleepy southern city by those who make an occasional visit to our thriving metropolis. Yet, Baltimore's population in the metropolitan area is 1,337,000 and it holds the position of being the sixth largest city in the United States.

The Baltimore Harbor is one of the busiest on the Eastern seaboard and, in addition to shipping, Baltimore claims one of the nation's largest shipbuilding operations.

Baltimore heralds such names as Bethlehem Steel, for its shipbuilding and ship repair; The Martin Company for its manufacture of missiles, electronic and nuclear projects; Crosbe and Blackwell, national food manufacturers;

J. H. Filbert, Inc., nationally known margarine and mayonnaise manufacturers; Mangels-Herold Company, manufacturers of King Syrup and King household cleaners; Westinghouse-Baltimore, where technological breakthroughs in Moletronics, Missile Guidance, Computer Development, Communications Electronic Counter-Measures and Space Age Electronics are developed; The McCormick Company, one of the world's largest spice firms—not to mention the wholesale apparel and textile manufacturers, wholesale lumber and wood products companies, furniture manufacturers, jewelry manufacturers, drug and chemical manufacturers and electrical machinery equipment and supply manufacturers, and many, many others.

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Mr. Oles, who is a public spirited, generous man, has, over the years, been interested in raising Registered Hereford cattle. He has been recognized for his work in promoting Hereford cattle breeding in Maryland and recently was awarded a plaque for having organized The Registered Polled Hereford Breed-



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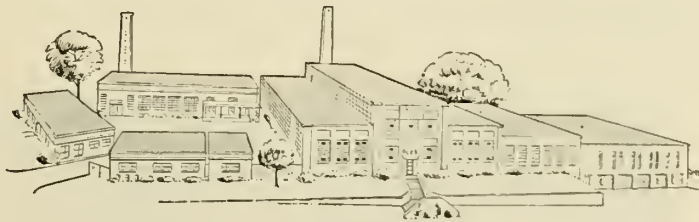


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School of DENTISTRY

(Continued from page 25)

Dr. George Anderson gave a very fine dissertation on Dr. Gerard Devlin's accomplishments and rise to eminence and respect, not only among his associates in the field of orthodontics, but also his associates in the Alumni Association. Noteworthy remarks were also made by Dr. Saul Gale after which Dr. Joseph Martini, President, presented Dr. Devlin with the Distinguished Alumni Award. Following a standing ovation, Dr. Devlin accepted the Award.

Dr. Joseph Cappuccio, Secretary of the National Alumni Association, brought greetings from the President, Dr. Harry Dressel. Dean Aisenberg reported on the Harrington Fund and the Greater University of Maryland Fund.

The following were elected to office:

Dr. Alan Gale, '50, President; Dr. Robert Jernick, '50, President-Elect; Dr. Nicholas Giuditta, '38, Vice President; Dr. Elwood Snyder, Jr., '58, Secretary; Dr. Samuel Byer, '27, Treasurer.

Trustees: Friedberg Memorial Fund:

Dr. Wm. Joule; Dr. Philip Schwartz, '30; Dr. Samuel Abrams, '29; and Dr. Jean Ross.

Members of the Executive Board:

Dr. Saul Gale, '22; Dr. Gerard Devlin, '23; Dr. Elwood Snyder, Sr., '01.

MAINE ALUMNI SECTION CONTEMPLATED

During the very successful meeting of the Maine Dental Society held in Rockland, Maine, in June, many of our alumni there called a luncheon meeting to discuss the possibility of forming a section. Our National President, Dr. Harry Dressel, and the Chairman of the Liaison Committee, Dr. Calvin Gaver, visited these members and found that a great deal of interest and enthusiasm exists.

We hope that sometime within the near future we will be able to add Maine to our ever-increasing number of sections.

Our sincere thanks are expressed to Dr. Harry Lyon for inviting us, and good luck to our Maine counterpart.

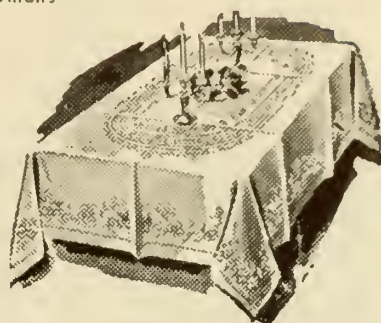
(Continued on next page)

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POSTGRADUATE COURSE IN OPERATIVE DENTISTRY

A postgraduate course in "High and Ultra High Speeds in Operative Dentistry" was presented by the Department of Operative Dentistry in cooperation with the Postgraduate Division of the Baltimore College of Dental Surgery, Dental School, University of Maryland, on Saturday and Sunday, October 17 and 18, 1959.

Dr. Myron S. Aisenberg, Dean, welcomed the 32 practitioners who registered for the two-day course. The participating dentists were from the states of Delaware, Maryland, Massachusetts, New Hampshire, New Jersey, North Carolina, Pennsylvania, Vermont, Virginia and West Virginia and from the District of Columbia and Israel.

The course was divided into two phases: didactic and clinical. The speakers participating in the didactic portion of the program included Captain George W. Ferguson, DC, USN; Captain Arne G. Nielsen, DC, USN; Dr. Harold R. Stanley; Dr. Lloyd M. Armstrong; and Dr. Julian J. Thomas. The clinical phase of the course was conducted and supervised by the staff of the Department of Operative Dentistry at the Dental School.

On Saturday afternoon the registrants were given the opportunity to evaluate nine different high speed units by operating them on extracted teeth. On Sunday afternoon patients were provided for those who desired to continue their evaluation on a clinical basis. All the participating members of this course had favorable comments regarding the value derived from using the different units available. With this basic knowledge they felt that they were capable of selecting the unit best suited for their individual clinical practices.

Those registered for the course were: Dr. H. Clifford Bauer, Dr. Joseph B. Berke, Dr. Ralph A. Brand, Dr. Ben Brauer, Dr. Abraham Bromberg, Dr. N. J. Capone, Dr. Thomas S. Chandler, Dr. Theodore F. Chapin, Dr. Irving J. Cierler, Dr. Bryan A. Dickson, Dr. Wallace G. Drumheller, Dr. L. Lynn Emmart, Dr. Edwin G. Gail, Dr. Julian W. Habercam, Dr. Robert C. Hager, Dr. Armand S. Hall, Dr. Frank Hurst, Dr. E. Kaufman, Dr. Louis E. Kayne, Dr. Herbert E. Klingelhofer, Dr. Charles R. Milne, Dr. Daniel C. Peters, Dr. Joseph Piombino, Jr., Dr. Kenneth R. Rankin, Dr. Cletus A. Reed, Dr. Robert A. Reed, Dr. Earl D. Roy, Dr. I. Lee Singer, Dr. J. Conway Smith, Dr.

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SPEAKERS AT CENTENNIAL MEETING

At the recent Centennial Meeting of the American Dental Association in New York, Dr. Ernest B. Nuttall, '31, read a paper, "What Constitutes a Good Diagnosis for Partial Prosthodontics." Dr. Nuttall is Professor of the Department of Fixed Partial Prothesis at the Dental School.

Also at this meeting, Mr. Theodore J. Noffsinger, Jr., a senior dental student, gave a table elinie, "Orientation of Dies in Working Casts." It is rather unusual for a student to be invited to participate in a national scientific session.

DR. H. COOPER LECTURES AT DENTAL SCHOOL

Dr. Herbert K. Cooper, Director of the Cleft Palate Clinic at Lancaster, Pennsylvania, spoke to the members of the senior class and guests on "The Clinical Management of the Cleft Palate Patient," on Tuesday, December 15, 1959, at 8:00 p.m. in the Gordon Wilson Amphitheatre.

Dr. Cooper enjoys an international reputation for his outstanding contributions relative to the integration of services in the treatment of patients with cleft palates and cleft lip problems.

REMEMBERED

The Alumni Association gratefully acknowledges the contribution of Mr. and Mrs. Raymond K. Tongue, Sr., towards the furnishing of one of the meeting rooms of the new Student Union Building, Baltimore, in memory of their son, Dr. R. Kent Tongue, Jr., formerly a member of the faculty of the Baltimore College of Dental Surgery, Dental School, University of Maryland, and most loyal alumnus.

College of EDUCATION

Joan Bookout

ACTIVITIES WITHIN THE COLLEGE

Dr. Glenn O. Blough, Professor of Education, has just had published his latest science-nature book, *Soon After September*. Dr. Blough, in this seventh book of the series, takes the reader for a walk

(Continued on next page)

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"deep in the woods along the Road of Seasons." Jeanne Bendiek has provided the illustrations for this book which was published by Whittlesey House.

Dr. Vernon E. Anderson, Professor of Education and Dean of the College of Education, gave the keynote address at the Fall Conference of the Teachers' Association of the Independent Schools of the Baltimore Area. Dr. Anderson spoke on "Current Trends in Education" which was the theme of the conference. Dr. Anderson also gave the address at the Cecil County Teachers' Meeting in Elkton, Maryland. The title of his address was, "The Challenge to Teaching: Our Opportunity." The Maryland Department of the Association for Supervision and Curriculum Development has elected Dr. Anderson as national representative to the Association for Supervision and Curriculum Development.

Dr. M. Clemens Johnson, Associate Professor of Education, will present a paper entitled, *Multivariate Classification; Application and Interpretation in Educational Decision Making*, at the February, 1960, meeting of the American Educational Research Association in Chicago. The general topic for this year's meeting will be New Developments in Experimental Design and Statistical Analysis.

Mrs. Rose Marie Grentzer, Professor of Music, has prepared a selected bibliography of audio-visual aids entitled, *Music Education Materials*. This pamphlet, published by the *Journal of Research in Music Education*, contains a general listing of currently available books and pamphlets on music education.

Dr. Orval Ulry, Associate Professor of Education and Director of Summer Session, has written an article for *The Challenge of Science Education* which is published by the Philosophical Library. This article entitled, "Activities of the Federal and State Governments," deals with the activities of the Federal and State governments in science education and their relation to the whole of the education program.

MRS. TOYE BECOMES PLAYWRIGHT

A former student of the College of Education, Mrs. Selma Mason Toye, who received her M.Ed. degree in 1957, has written for the November, 1959, issue of *The Instructor* a play entitled "A Week with Books." This play was composed with emphasis on literature; but, since it was also tied in with the music

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program, musical versions of familiar stories were used. Mrs. Toye is currently Music Resource Teacher in the Calvert County, Maryland Schools.

Toy theaters for elementary children as an aid to breaking through the language barrier are currently being used in 75 cities throughout the United States and in eight foreign countries. Inspiration for this project, which is sponsored by the Children's Museum of Washington, came about through a University of Maryland class in "Language Arts in the Elementary School" which is taught by Miss Mary Lewis.

Dr. James L. Hymes, Jr., Director of Childhood Education, was the featured speaker at a conference on more effective learning for children in the space age, held at the University of Toledo recently. His talk was titled "Toward More Efficient Learning for Children."

INDUSTRIAL EDUCATION

Mr. Edmund Crosby, Assistant Professor of Industrial Education, recently participated in the national meetings of the National Safety Council held in Chicago, Illinois. Mr. Crosby serves as a liaison person between the American Industrial Arts Association and the National Safety Council. He also is chairman of the Safety Committee of the A.I.A.A.

Dr. Paul E. Harrison, Associate Professor of Industrial Education, served as a member of an evaluation team of the Middle States Association for both the graduate and undergraduate programs at the State Teachers College, Millersville, Pennsylvania. This same committee served in a similar capacity for the National Association of Colleges for Teacher Education.

Dr. Donald Maley, Professor and Head of Industrial Education, was the speaker at the Fall Conference of the Western New York Region of Industrial Arts Teachers held at State Teachers College, Buffalo, New York. Dr. Maley addressed the morning general session on the topic "Teaching for Individual Differences." He also was the principal speaker at the evening banquet. Dr. Maley was accompanied on this trip by Kenneth Dawson and James Rokusek, doctoral students in the Department, and by Alan Keeny, teacher of Industrial Arts at the Montgomery Hills Junior High School. Mr. Keeny is an alumnus of the Department.

Paul Manchak, Jack Berge, and Larry Furtaw are in charge of a television

(Continued on next page)

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research project recently started in the Industrial Education Department. The project is concerned with "close scrutiny" television applications in the teaching of Industrial Education. The equipment used in the study involves a transistor camera, 21-inch monitor and auxiliary facilities.

Joose Yff, Irving Herrick and James Heins are currently developing a wind tunnel for use in an Industrial Arts program research project. The wind tunnel will be used as the center of a series of exploratory activities designed to broaden the experiences of students in the senior high school Industrial Arts programs.

Staff members in the Industrial Education Department had participated in over thirty off-campus lectures, speeches, conferences, or institutes this school year up until Thanksgiving vacation period. In addition to the numerous engagements in Maryland the staff participated in educational activities in New Jersey, New York, Pennsylvania, and Virginia.

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GEORGE WEBSTER ELECTED

Mr. George C. Webster, M.E. '43, has been named the first president of a newly formed nationwide Association of Management Consultants. The Association will assist in the improvement of small businesses by enabling them to understand and utilize the services of management consulting firms. It plans to draw up ethical standards of practice for its members, establish criteria by which small businesses can select competent specialists in management, and develop improved techniques for management consultants.

Mr. Webster is also president of the Wilson Supply Co., Inc., and a former president of the Electric Institute of Washington, the Washington Association of Plumbing Contractors, and the Washington Appliance Radio-TV Dealers' Association.

DR. PAUL D. ARTHUR LECTURES

Dr. Paul D. Arthur, M.E. '44 and M.S. '49, recently gave a series of eight lectures on supersonics, hypersonics, and

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orbital mechanics to engineers and scientists of the Republic Aviation Corp. Dr. Arthur who is an official of the Los Angeles Systems Corporation of America also acts as a consultant to Republic.

C.E. GRADS PRESENT PAPERS

All three of the papers presented at the October 19th morning session of the Soils and Foundations Divisions of the American Society of Civil Engineers Annual Convention in Washington, D. C., were presented by University of Maryland graduates. Those who spoke, and the title of their papers, are as follows: Edward J. Zeigler, '46, of Rummel, Klepper and Kahl, Consulting Engineers, Baltimore, Maryland, "Roadway Embankments over Unstable River Deposits in the District of Columbia;" James P. Naurot, '55, Washington Suburban Sanitary Commission, "Soil Tests and Observed Movements of Standpipes and Reservoirs;" Edward S. Barber, '35, Civil Engineering Department, University of Maryland, "Engineering Properties of Potomac Clay."

WHEREABOUTS

James E. Malcolm, Ch.E. '42, is Chief of the Fire Suppression Section, U. S. Army Engineer Research and Development Laboratories at Fort Belvoir, Virginia. He is project engineer in charge of the development of Bromotrifluoromethane as a fire extinguishing agent which has been applied in aircraft extinguishing systems. He has also directed evaluation of foam and fog nozzles for production of foam spray for application in crash fire fighting.

R. F. Bartelmes, C.E. '36, is Chief of the Special Equipment Branch and Irwin Schumacher, M.E. '42, is Project Engineer in the Mechanical Engineering Department at Engineer Research and Development Laboratories.

Gordon Smith, '50, of 3816 Summit Terrace, Sparta, New Jersey, has accepted a position as a Project Engineer with AeroChem Research Laboratories in Princeton, New Jersey.

Colonel William E. Roberts, '31, has been appointed Professor and Head of Military Science and Tactics at West Virginia University. Col. Roberts has just returned from a tour of duty as chief of staff of the Iceland defense force.

(Continued on next page)

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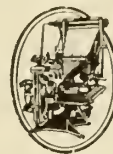
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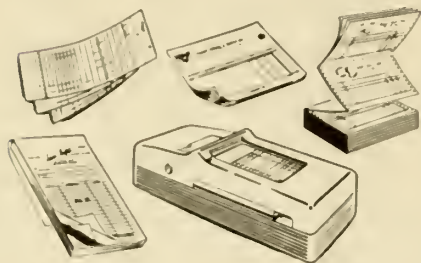
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Bernard Bernstein, M.S. '54, has been appointed manager of Navy Systems Design at the Oswego, New York, facility of IBM's Federal Systems Division.

C. W. BOGAN, CHAIRMAN OF BOARD

Mr. C. Warren Bogan, E.E. '32, is Chairman of the D. C. Board of Examiners for Professional Engineers. Mr. Bogan is with the firm of consulting engineers of C. Warren Bogan and Associates of Bethesda, Maryland. He is also Treasurer of the Engineering Conference Board for Industry and a past President of the D. C. Society of Professional Engineers.

FACULTY NOTES

The following appointments and promotions have been made to the faculty of the College of Engineering. Appointments: Dr. G. S. S. Ludford—Visiting Professor of Aeronautical Engineering; Mr. W. G. Mullen—Instructor in Civil Engineering; Dr. G. P. Rutelli—Associate Professor of Electrical Engineering; Mr. N. P. Lloyd—Instructor in Mechanical Engineering; Mr. C. H. Marks—Instructor in Mechanical Engineering; Mr. R. B. Oetting—Instructor in Mechanical Engineering.

Dr. Dick Duffey has been promoted to Professor of Chemical Engineering.

SERVICE NEWS

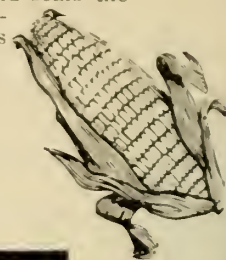
Harry P. Davis, Jr., '59, was graduated recently from the Navy's Officer Candidate School in Newport, Rhode Island. Mr. Davis now holds the rank of Ensign.

Thomas J. Malloy, '59, was commissioned a Navy Ensign recently upon completion of 16 weeks of training at the Naval School of Pre-Flight in Pensacola, Florida. His brother, Conrad, B.P.A. '58, was present for the commissioning ceremony.

REV. R. W. SONEN INSTALLED

Mr. Robert W. Sonen, C.E. '34, was installed as minister of the First Unitarian Church, Coral Gables, Florida. Mr. Sonen previously served in Tulsa, Oklahoma, for 15 years. He has been a board member of Meadville Theological School and President of the Southwestern Unitarian Conference.

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PLACEMENT COMMITTEE APPOINTED

Miss Mary Arabian, President of the Law School Alumni Association, recently announced the appointment of a Placement Committee for the Law School.

Miss Arabian pointed out that placement is one of the prime problems confronting law students and recent graduates and that having a means by which students may be put in contact with prospective employers is of great importance. She also mentioned the desirability of establishing a permanent bureau as a clearing house for part time and summer employment of prospective attorneys and for placing graduates in permanent legal employment.

The present Committee will study the feasibility of establishing a permanent placement bureau, make recommendations to the Executive Committee of the Alumni Association, and in the event a bureau is established will serve as such Placement Bureau Committee during Miss Arabian's term as President of the Alumni Association.

In order to obtain the broadest possible support for the program from the alumni, the Committee appointed by Miss Arabian is composed of leading lawyers in the various counties of the state and in Baltimore so that alumni will be active in the operations of the Placement Bureau.

Members of the Committee are: Norman P. Ramsay, Chairman; Ambrose T. Hartman, Leonard S. Freedman, Samuel J. Fisher, Christopher H. Foreman, G. Kenneth Reiblich, Clark Murphy, Jr., Jack L. Hardwick, Frederick J. Green, Jr., Judge Edwin Harlan, John Martin Jones, Jr., Emma S. Robertson, Hon. Leon H. A. Pierson and Norman V. Waltjen, Jr., all of Baltimore.

Hon. Stanford Hoff, Westminster; William M. Loker, Jr., Leonardtown; Hon. James Getty, Cumberland; Hon. William J. McWilliams, Annapolis; Mrs. Doris P. Scott, Elkton; Judge W. Albert Menchine, Towson; and Hamilton P. Fox, Salisbury.

LAW SCHOOL ALUMNI PRESIDENT
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The Attorney General of Maryland, Mr. C. Ferdinand Sybert, recently appointed

(Continued on next page)

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Miss Mary Arabian, '44, as an assistant. The appointment is a continuation of Mr. Sybert's policy of assigning women to his legal staff.

A year ago, Miss Arabian was appointed to the staff of former City Solicitor, Hugo A. Riceiuti. She was described by the Attorney General as "an outstanding woman lawyer."

MR. CARSON APPOINTED

Robert Carson, 24-year-old junior student in the School of Law, has been appointed chairman of the Armed Services Committee of the American Law Students Association, a subsidiary of the American Bar Association.

Mr. Carson, whose home is in Havre de Grace, attended McDonogh School and Cornell University before receiving his A.B. degree from Gettysburg College. He is a member of Phi Beta Kappa.

At the University of Maryland School of Law, Mr. Carson serves on the Board of the *Maryland Law Review*. He is a second lieutenant in the Adjutant General's Corps, U. S. Army Reserve. He is married and has a 10-month-old boy.

LAW STUDENTS SPONSOR PARTY AT HOSPITAL

Members of the Baltimore Colts entertained children at University Hospital at the annual Thanksgiving Party sponsored by freshman Law School students.

The party, held November 23, in the rotunda of the hospital's fifth floor, also featured comedy films. Each child received a toy and ice cream and cookies were served.

The party was planned by Mary Northrop, nursing supervisor of the pediatric wards, in collaboration with committee members Nancy Milan, James Beach, R. F. Humphries, Fenton Cordell, H. F. Leonnig, and D. C. D. Meise, chairman.

School of MEDICINE

Dr. John Wagner

DR. GARRISON HEADS AGP
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Dr. Ralph B. Garrison, '33, was recently installed as President of the North Carolina Academy of General Practice.

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Dr. Garrison has practiced in Hamlet, North Carolina since 1934, and he is active in church, civic, and sports affairs as well as professional ones. He is a member of the Richmond County, North Carolina, Southern and American Medical societies.

DR. TUCKER AT MAYO

Dr. Albert L. Tucker, '56, has been appointed a fellow in plastic surgery in the Mayo Foundation at Rochester, Minnesota. The Mayo Foundation is a part of the Graduate School of the University of Minnesota.

DR. HEPNER JOINS STAFF

Dr. Ray Hepner, formerly of the University of Missouri School of Medicine, has joined the staff of the School of Medicine as Professor of Pediatrics.

Dr. Hepner will direct the newborn nursery and premature nursery at University Hospital and will also conduct the well baby clinic in the hospital's outpatient department, under the direction of the Baltimore City Health Department.

Dr. Hepner's chief interest in research is the health of the fetus and the newborn child. He is also conducting a teaching program about the fetus and the newborn.

A project involving study of the possible effect of unsaturated fat on placental degeneration and fetal abnormalities, which he was conducting at the University of Missouri with the support of the U. S. Public Health Service, will be continued at the University of Maryland.

Dr. Hepner says that although the role of dietary fat in hardening of the arteries is being investigated widely, this approach to the study of the placenta and fetus has not been given comparable attention. Recent work of Professor Hideo Nagai in Japan, however, shows a direct correlation between infant mortality and blood levels of certain unsaturated fats.

Another research project that Dr. Hepner will continue at Maryland concerns the effects of high concentrations of oxygen in pregnant rats on development of the fetal eye and nervous system. This project is being conducted with the aid of the Arnold Reuben Fight for Sight Award of the National Council to Combat Blindness.

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Dr. Hepner is a native of California and received his medical education at the University of Chicago School of Medicine, where he also served his residency, was Benjamin J. Rosenthal Research Fellow in Pediatrics, and instructor in pediatrics.

After two years as Assistant Professor of Pediatrics at the Medical Branch of the University of Texas, Dr. Hepner went to the University of Missouri in 1954, where he was promoted from Associate Professor to Professor of Pediatrics in 1958.

As a medical officer of the U. S. Naval Reserve, Dr. Hepner served his internship in the U. S. Naval Hospital in San Diego in 1944-45 and saw two periods of active duty—in 1945-46 and 1952-54.

NIH GRANT TO PATHOLOGY DEPT.

A \$125,000 grant from the National Institutes of Health has been made to the Department of Pathology to support the training of medical students, postdoctoral fellows, and pathology residents in experimental pathology for the next five years.

In announcing the grant, Dr. Harlan I. Firminger, Professor of Pathology and Head of the Department, said that a training program in experimental pathology had been started in 1956 under the direction of Dr. Lester Kiefer, Assistant Professor of Pathology.

An experimental approach to pathology is needed, Dr. Firminger explains, because ordinary study of surgical or postmortem tissues is like looking at isolated frames out of a motion picture. Disease is a dynamic process and can be understood only by observing its constantly changing characteristics.

Few training programs in pathology today include experimental pathology. The small number of pathologists who complete their training each year are now nearly all being employed by hospitals to diagnose clinical conditions in patients and to study postmortem tissues. As a result, pure pathology—the science of the cause and manifestation of disease—has suffered for lack of experimental pathologists.

To correct this situation, the National Institutes of Health began two years ago to offer grants to encourage the study of pathological processes in living tissues as a continuous chain of events.

Drs. Firminger and Kiefer are now developing, as part of the regular course in pathology at the University of Maryland School of Medicine, opportunities

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for students to induce disease in laboratory animals and to study its progress. After completing a few classical experiments, each student performs an original experiment or variant of an established experiment and reports his results in writing in a form suitable for publication.

HOSPITAL RECEIVES RECOGNITION

University Hospital's pioneer service in the American Hospital Association was recognized at the October 27 meeting of Maryland-D.C.-Delaware Hospital Association conference by the awarding of a certificate of recognition.

The award was accepted by W. Victor Maconachy, Assistant Controller, who has served University Hospital for 35 years. It was presented by Mr. Kenneth Williamson, Associate Director of the American Hospital Association.

DR. BRODY APPOINTED DIRECTOR OF THE PSYCHIATRIC INSTITUTE

Dr. Eugene B. Brody has been appointed chairman of the Department of Psychiatry and Director of The Psychiatric Institute. The appointment was made by the University's Board of Regents.

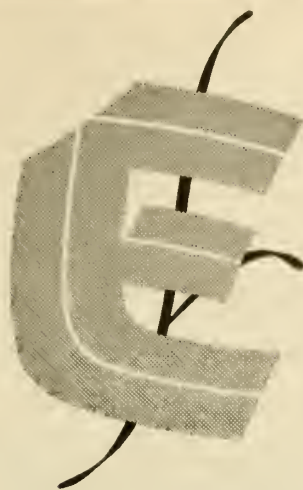
Dr. Brody joined the University of Maryland faculty in 1957 as Professor of Psychiatry and was appointed Psychiatrist-in-Chief to University Hospital and The Psychiatric Institute in 1958. Since the death of Dr. Jacob E. Finesinger in June of this year he has been Acting Chairman of the Department and Acting Director of The Psychiatric Institute.

Before coming to Maryland, Dr. Brody was Associate Clinical Professor at the Yale University School of Medicine, where he also received his graduate training in psychiatry after receiving his medical degree at Harvard Medical School in 1944. He is also a graduate of the New York Psychoanalytic Institute. A native of Missouri, he received his bachelor's and master's degree in psychology at the University of Missouri.

During his tenure at Yale, Dr. Brody was attending psychiatrist at the Yale Medical Center and Psychiatric Institute and chief of the neuropsychiatric service at the West Haven Veterans' Administration Hospital.

While serving military duty in 1946-48 he was chief of psychiatry in several

(Continued on next page)



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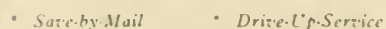
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During the past year, the University of Maryland has supplied ten southern universities with administrative heads and instructors in psychiatric nursing. They are: Doris Chaves, University of Mississippi; Beazie Hayes, Emory University; Betty Hughie, University of Georgia; Betty Sue Johnson, Duke University; Carol Lowry, University of Virginia; Mary J. Ludwig, Northwestern State College of Louisiana; Katherine Lutes, University of Tennessee; Ella McCall, Duke University; Gracia Somerville, University of North Carolina; Caroline Saunders, Vanderbilt University.

STUDENT GOVERNMENT ELECTS

The Student Government Association of the School of Nursing installed its newly elected officers recently.

Those installed were: Suzanne Theis, President; Ruth Kanow, First Vice-President; Janet Carter, Second Vice-President; Jane Hoffman, Third Vice-President; Elaine Garrett, House Chairman; Lynn Dyer, Secretary; and Stephanie Smith, Treasurer.

Miss M. Margaret Jameson, Associate Dean of Women, and Miss Virginia Conley, chairman of the Nursing School's baccalaureate program, addressed the students. Mrs. Alice Beegan, instructor in maternal and child health, will serve as adviser to the association for the coming term.

FACULTY APPOINTMENTS

Appointment of eight new instructors to the faculty of the School of Nursing was announced recently by Dr. Florence M. Gipe, Dean of the School.

Four of the new faculty members are instructors in psychiatric nursing; Harriet H. Bond, M.S., University of Maryland; Ann M. Cain, M.S., University of Colorado and former instructor at that University; Mary Jane Carroll, M.S., University of Maryland; and Shirley S. Hale, M.S., University of Maryland.

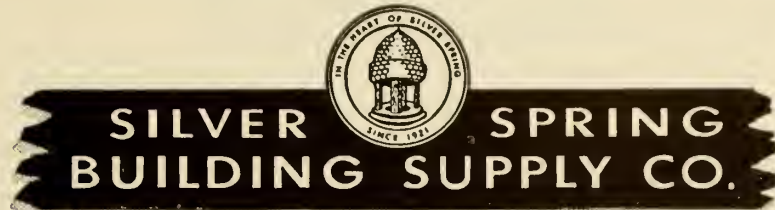
Two of the new instructors will teach medical and surgical nursing: Virginia Mulherin, M.S., New York University and former instructor at Villa Nova University, Philadelphia; and Lillie M. Largey, M.S., University of Maryland.

Patricia Orem, M.S., University of Maryland, will teach nursing of children and Ann C. Bullock, M.Ed., Goucher College, will teach elementary education for long term illness.

(Continued on next page)

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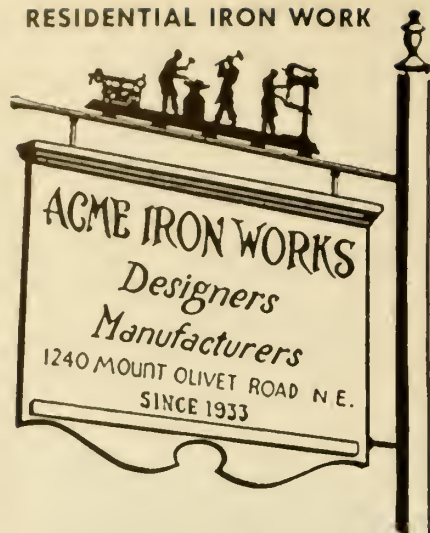
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ANNUAL FROLIC

The thirteenth annual frolic of the Alumni Association of the School of Pharmacy, University of Maryland, was held at the Straus Auditorium, Park Heights and Slade Avenues, Baltimore, on November 5, 1959.

The audience, a happy, informal and friendly group, numbering approximately 500 persons, included students, their parents and friends, faculty members, members of the sororities, fraternities and interested alumni.

The entertainment consisted of eleven skits by the students. Dr. Frank J. Slama, Executive Secretary, and Robert J. Kokoski, both teachers in the School of Pharmacy, supervised the presentation of the skits.

President Victor H. Morgenroth welcomed the guests and awarded the prizes. Irving I. Cohen, First Vice-President, was Master of Ceremonies.

Dean Noel E. Foss was presented and expressed appreciation of the work of the Alumni Association.

The following captured the prizes:

Phi Sigma Delta Fraternity—First Cash Prize and the Bernard Cherry Cup, presented by him personally, for one year, together with a token cup for the fraternity.

Alpha Zeta Omega Fraternity—Second Cash Prize.

Phi Delta Chi Fraternity—Third Cash Prize.

Miss Arlene Asbell, piano solo—First Cash Prize for special presentation.

The Sappfield Sisters, Misses Carolyn Warfield and Nancy Sappe—Second Cash Prize for special presentation.

The judges selecting the recipients of the prizes were: Samuel Portney, Norman J. Levin and Francis S. Balassone, past presidents of the Alumni Association.

The Alumni Recruitment Students Committee, Mr. Nelson H. Warfield, Chairman, presented a short film, which is being shown to prospective pharmacy students by this committee.

Music during the presentation of the skits was furnished by a group from the School of Pharmacy. The "Men of Note Orchestra" played for the dancing from 10:30 to 12:30.

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Refreshments were served by the Place and Refreshments Committee, Sam A. Goldstein, Chairman, ably assisted by Mrs. Goldstein, Jeff Rockman, Jerome Stillman and others. The refreshments are always popular with the students and their friends. An abundant quantity of ice cream was provided by the Hendler Ice Cream Company. Cookies were provided by the Austin Baking Company. Coca-Cola, Pepsi-Cola, hot dogs, doughnuts and cider were also served.

Door prizes, in quantity and quality, were provided by the Calvert Drug Co., Loewy Drug Company, H. B. Gilpin Company, Muth Brothers, Allen & Son Candy, and the I. & L. Candy and Tobacco Company. Students, in particular, are pleased when they are the recipients of door prizes.

The following members of the Alumni Association assisted with the registration of the guests as they entered the hall, and with the distribution of prizes: Milton A. Friedman, Alexander M. Mayer, Solomon Wiener, James P. Cragg, Morris Rockman and others.

One prize, or rather an appreciation gift, was bestowed upon Dr. Frank J. Slama, for his painstaking planning of the program presented. He responded in his own inimitable way.

The annual fall frolics are sponsored by the Alumni Association and their donating friends, and furnish a bright evening of entertainment for the students and alumni.

The Valentine Dance of the Alumni Association is scheduled for Thursday, February 11, 1960, at the Emerson Hotel. James P. Cragg, Chairman, and Milton A. Friedman, Co-Chairman, are planning for the solicitation of advertisements and articles of interest for the Souvenir Program of February 11, 1960.

SCHOLARSHIPS

The Student Aid and Scholarship Committee of the Alumni Association, Samuel I. Raichlen, Chairman, selected the following as recipients of freshmen scholarships in the School of Pharmacy for 1959-60:

Alan J. Arenson, Sanford E. Blas, Yale N. Caplan, Thomas H. Keller, Jr., John E. Meyers, Gerald Rachanow and Leon Shargel. These scholarships are provided by the Alumni Association, the Maryland Pharmaceutical Association and the Read Drug Stores Foundation,

(Continued on next page)

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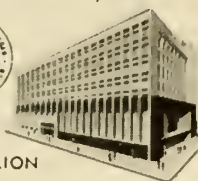
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Chairman Samuel I. Raichlen and Mrs. Raichlen entertained the group, together with members of the committee, at their home on September 20, 1959.

The following were the recipients of the Pharmacy Alumni Association scholarships for 1958-59 from the annual donation of \$400.00 provided by the Association to match a corresponding amount for scholarships from the American Foundation for Pharmaceutical Education.

The recipients for the first semester of 1959-60 scholarships from the Pharmacy Alumni Association are Ronald Goldner and Robert Kantorski.

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MR. CARR APPOINTED
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Mr. Joseph S. Carr, a University College graduate, is Director of the Greater University of Maryland Fund.

Mr. Carr completed the Bachelor of Arts degree in General Studies with a primary concentration in commerce after having studied both on the campus and in the overseas program.

While in the Air Force, T/Sgt. Carr, an Air Transportation Supervisor, enrolled in his first University of Maryland course in 1953 at the Wiesbaden, Germany, education center. In two years of duty at Wiesbaden, Sergeant Carr accumulated 38 semester hours of college work. He also commuted to classes at Rhein-Main.

After obtaining his discharge in January, 1956, Mr. Carr came to the campus and completed the degree by January, 1958. While on the campus, he was initiated into Delta Sigma Pi, the professional business fraternity, and he served as President of the Maryland chapter during his last semester.

After graduation, Mr. Carr worked for several months in the field of life insurance. He joined the University's Office of Endowment in November of 1958.

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The Greater University of Maryland Fund is the annual giving program for University Alumni.

As Director of the Fund, Mr. Carr's duties include the recruiting, training, and coordinating of the activities of the Fund Workers. A general canvass of 33,000 Maryland alumni is held annually, and last year more than 1,500 volunteers participated in the effort. This year approximately 2,500 will be needed.

Established in January, 1958, the Fund has already several major accomplishments. More than \$24,000 has been turned over for student scholarships. Over \$100,000 has been devoted to furnishing the Baltimore Union-Dormitory. Faculty development and special research projects amount to more than \$50,000. In its first 18 months, the Fund has raised more than \$189,000.

Mr. Carr is married, has one son, and lives in College Park.

SOCIAL NOTES

BIRTHS

To Mr. and Mrs. Isadore Kessler a daughter, Karen Gail, on November 14, 1959. Mrs. Kessler, the former Linda Mae Jelinek, H.Ec. '55, is Secretary of the Montgomery County Alumni Chapter. The Kesslers also have another daughter, Geri Lynn, 2½ years old.

To Mr. and Mrs. Fred Martin, Jr., a daughter, Mary Patricia. Mrs. Martin is the former Mary Pat Cobey, A. & S. '58, the third generation of the Cobey family to graduate from Maryland. Her grandfather was W. C. Cobey, '01, and her father is the present Director of Athletics, W. W. Cobey, Jr., A. & S. '30.

GEORGE W. CAIRNES

Mr. George Wilson Cairnes, Eng. '03, died October 28, 1959, in Baltimore, of a heart attack.

DR. CLYDE HEMPHILL

Dr. Clyde Hemphill, M.D. '13, died recently. He is survived by his wife, who is presently residing in Black Mountain, North Carolina.

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Oct. 22	Wake Forest	Winston-Salem, N. C.
Nov. 5	Penn State	University Park, Pa.
Nov. 12	North Carolina	Chapel Hill, N. C.
Nov. 19	Virginia	Charlottesville, Va.



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Volume XXXI Number Three • March-April 1960

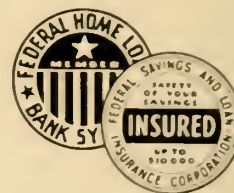
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The Cover: The art illustrating the cover of this issue of *The Maryland Magazine* was rendered by Mr. Mitchell Jamieson, nationally-known artist and a new member of the Fine Arts faculty. Mr. Jamieson's illustration symbolizes the main points of the article by Bertrand Russell beginning on page 5.

the
Maryland

magazine

Volume XXXI

Number 3

MARCH - APRIL • 1960

Alumni Publication of
the University of Maryland

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THE

ALUMNI DIARY

TOMORROW IS HISTORY . . . This subject, recently chosen by a speaker to portray the role of education, combined with a most successful University of Maryland Charter Day celebration, set us to thinking. We were enjoying the flush of another anniversary celebration sponsored by the Alumni Club of Baltimore. This activity, which brought credit not only to the Club but also to the Alumni Association and the University, recalled the proud history of our institution, the constructive and progressive present and the dreams of a brilliant future.

We realized how swiftly time was passing. Even as the curtain rang down on Charter Day, 1960, attention was focused on a number of alumni club functions and, more especially, on preparations for Spring Reunions of our anniversary classes and other alumni. The date of May 7, 1960 went on the calendar for the Alumni-Varsity football game and for Reunions for a number of our classes.

Rather quickly, our attention strayed from dates and details to hesitate again on the phrase, "Tomorrow is History." Why tomorrow, when there are so many problems to meet today? There is the almost inconceivable predicted increase in population. . . . Three-fourths of the world's population has hardly known a day without hunger. . . . Peace in our time is a greater problem than the penetration of outer space. . . . Two great societies struggle for prestige and position.

Through many generations the responsibility of colleges and universities has been to provide opportunity for the pursuit of truth and encouragement for the inquiring mind. The true educator accepts both the responsibility and privilege of sharing with others the good ideas which have been entrusted to him. It is he who knows the handyman as one who works with his hands, the craftsman as one who takes advantage of both the head and the hands, and the artist as one who combines art, head and hands. Undoubtedly, he understands that, "Tomorrow is History."

The alumnus, as a student, was made aware of an ever-changing pattern. He recognizes that we stand on the turbulent shores of changing time and that we have great responsibility in this world-wide matter of understanding and of being understood. He knows that we have sometimes become absorbed with ourselves to the degree that we have lost our ability to communicate with others. A pause in the headlong dash to accomplish will enable the educated to see that we have power not only for survival but also for some semblance of heaven-on-earth. An article on the excellence of dogwood in the manufacture of textiles stated, "A wood thus used must not crack under continuous impact. It must wear smoothly and not roughen, lest it fret the warp."

Alumni who have had an opportunity to see education in its search for solutions to the problems of mankind are willing to give something of themselves to help maintain a sense of balance in society and to bring sanity to the world. They cannot now forecast what the next decade may bring but each is certain that education is vital to the future. How well they know that great universities have endured while kingdoms have fallen, governments have changed and wars have been won and lost. To the alumnus, the University has purpose, for it stands in the forefront of world understanding and progress. Opportunities for present and future citizens in education will determine the civilization of tomorrow. Captured or wasted, "Tomorrow is History."

As ever,

DAVID L. BRIGHAM
Alumni Secretary



ALUMNI AND CAMPUS NOTES

UNIVERSITY CALENDAR OF ACTIVITIES

FEBRUARY

- 29-
May 2 Space Education Institute—Symons Hall, College Park.

MARCH

- 25 Maryland Day.
29-
May 17 Business Management Institute—Chemistry Building, College Park.
30-
May 18 Business Management Institute—Health Sciences Library, Baltimore.
31 National Symphony Orchestra and Washington Ballet—College Park.

APRIL

- 1, 2 Maryland Home Economics Association meeting—College Park.
12 "Carmen" (Presented by Grass Roots Opera Company)—Cole Activities Building, 8:30 p.m.
14 Easter recess begins after last class—College Park and Baltimore.
19 Easter recess ends, 8 a.m.—College Park and Baltimore.
25-27 3rd Annual Highway Maintenance Institute—Student Union, College Park.
26-30 University Theatre Production, "The Pajama Game"—College Park.
30 State Convention of Future Home Makers of America—College Park.

MAY

- 3-7 University Theatre Production, "The Pajama Game"—College Park.
19 Honors Day—College of Engineering, College Park.

JUNE

- 2 Alumni Day—School of Medicine, Baltimore.
4 Commencement Exercises.
22-24 4th Annual Adult Education Institute—Student Union, College Park.
27 Registration for the Summer Session—College Park.
28 Summer Session begins—College Park.



MEETING OF RHODE ISLAND SECTION of Dental Alumni finds at the head table the following, seated from left to right: Mr. Joseph Carr, Director of the Greater University of Maryland Fund; Joseph Capuccio, '46; Edward Morin '20; and stand-

ing left to right: Henry A. Martin '05; James F. Colgan, President of the Tufts Dental Alumni Association; William Decesare, '36; and Eric Waxberg, '19. (See School of Dentistry section for story.)

SONS OF FORMER PRESIDENT HAVE DISTINGUISHED CAREERS

"The University of Maryland will always be near and dear to our hearts . . ."

So ends a letter written to the editor of *The Maryland Magazine*. The letter came from Winton D. Woods of Bloomington, Indiana, who is the son of Dr. A. F. Woods, President of the University of Maryland from 1917 to 1926.

Mr. Woods grew up in College Park where he met and married Nancy Norment, an honor graduate of the 1936 graduating class. They left College Park during the war years of the 40's when Mr. Woods was serving as Chief of the Legal Division of the Ordnance Department, Ammunition Branch, U. S. Army. From 1945 to 1952 he was attorney for Monsanto Chemical Company in St. Louis. From 1952 to 1959 he was house counsel and assistant secretary

(Continued on next page)

of Sarkes Tarzian, Inc., in Bloomington. He is now Executive Vice President and General Manager of the G. B. Woodward Insurance Company.

Mr. Woods' brother, Dr. Mark W. Woods, Ag. '31, was for many years a member of the faculty at the University of Maryland. Dr. Woods and his wife (the former Vera L. Klein, H.Ee. '32) reside in Hyattsville. Dr. Woods is presently engaged in cancer research at the National Institutes of Health in Bethesda.

ROBERT JAMES ASSUMES AIR FORCE ACADEMY DUTY

Mr. Robert C. James, formerly the Associate Dean of Men at the University of Maryland, was recently selected as the Assistant Director of Intercollegiate Athletics at the Air Force Academy.

Mr. James is responsible for the business management affairs of the Intercollegiate Athletic Department. He is a 1947 graduate of the University of Maryland. During his undergraduate days he was a four-sport letterman, football, basketball, track, lacrosse, and has been associated with the University since graduation.

Mr. James is a Major in the United States Air Force Reserve and is a veteran of World War II. He reported for duty at the Air Force Academy the first of February. He is married and has two daughters.

FELLOWSHIPS FOR AMERICAN WOMEN

Maryland alumnae with advanced degrees should be aware of fellowships now being announced by the Educational Foundation of the American Association of University Women.

Women holding a doctor's degree; or who will have fulfilled all the requirements for the doctorate, except the dissertation, by the time the fellowship year begins; or who have attained professional recognition are eligible to apply for these fellowships. One will have a value of \$5,000; four will be offered of \$4,000 apiece; ten will be worth \$3,000; and 25 will be valued at \$2,000-\$2,500. There are no restrictions as to the age or the field of the applicant and a fellowship may be used either in the United States or abroad.

Interested alumnae please write to:

Fellowships Office
AAUW Educational Foundation
2401 Virginia Avenue, N. W.
Washington 7, D. C.

Application forms will be available August 1, 1960.



Dr. Singer receives Jaycees award.

JUNIOR CHAMBER NAMES DR. SINGER AMONG OUTSTANDING TEN

National attention once again has focused on Dr. S. Fred Singer, Associate Professor of Physics at the University of Maryland.

Dr. Singer, who is 35, has been named by the Junior Chamber of Commerce as one of the "Ten Outstanding Young Men of 1959." Recognized as one of the nation's foremost astrophysicists, Dr. Singer is consultant and head of the scientific evaluation group of the Congressional Committee on Astronautics and Space Exploration. He has been a leader in the design of small earth satellites and he led the first group to measure the earth's magnetic field 100 miles up.

Known internationally as well as nationally for his work, he recently attended a meeting of the Cosmic Ray Committee in Moscow, the IV International Conference on Ionization Phenomena in Gases at Uppsala, Sweden, the Fifth Conference of the International Commission for Optics at the Royal Institute of Technology in Stockholm, and the Tenth Congress of the International Astronautical Federation in London.

In Moscow, Dr. Singer presented a research paper entitled "Theory of Trapped Particles in the Earth's Magnetic Field." He presented a paper entitled "High Temperature Plasmas Trapped in the Earth's Magnetic Field." at the Uppsala conference.

MAN OF THE YEAR

"Man of the Year in Service to Agriculture" describes young Dr. Gerald F. Combs, Professor of Poultry, who received that Award for 1959 this March.

A pound of meat from a pound of feed; this goal has been luring poultry nutritionists for years. In flock tests, Dr. Combs has succeeded in producing a pound of broiler meat from 1.86 pounds of feed. Experts feel sure that he's the man most likely to achieve the goal if anyone ever does.

Dr. Combs joined the University of Maryland as Professor of Poultry Nutrition after receiving a Ph.D. degree from Cornell University in 1948. Although he has had some handsome offers from feed manufacturers in the 12 years he has been at Maryland, Dr. Combs has chosen to remain in college research work where his contributions can be made available to all broiler growers.

University Education and Modern Conditions^{*}

By Bertrand Russell



EDUCATION IS A VAST AND COMPLEX SUBJECT INVOLVING many problems of great difficulty. I propose, in what follows, to deal with only one of these problems, namely, the adaptation of university education to modern conditions.

Universities are an institution of considerable antiquity. They developed during the twelfth and thirteenth centuries out of cathedral schools where scholastic theologians learned the art of dialectic. But, in fact, the aims which inspired universities go back to ancient times.

One may say that Plato's Academy was the first university. Plato's Academy had certain well-marked objectives. It aimed at producing the sort of people who would be suitable to become Guardians in his ideal Republic. The education which Plato designed was not in his day what would now be called "cultural." A "cultural" education consists mainly in the learning of Greek and Latin. But the Greeks had no need to learn Greek and no occasion to learn Latin. What Plato mainly wished his Academy to teach was, first, mathematics and astronomy, and, then, philosophy. The philosophy was to have a scientific inspiration with a tincture of Orphic mysticism.

Something of this sort, in various modified forms, persisted in the West until the Fall of Rome. After some centuries, it was taken up by the Arabs and, from them, largely through the Jews, transmitted back to the West. In the West it still retained much of Plato's original political purpose, since it aimed at producing an educated elite with a more or less complete monopoly of political power. This aim persisted, virtually unchanged, until the latter half of the nineteenth century. From that time onwards, the aim has become increasingly modified by the intrusion of two new elements: democracy and science. The intrusion of democracy into academic practice and theory is much more profound than that of science, and much more difficult to combine with anything like the aims of Plato's Academy.

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Until it was seen that political democracy had become inevitable, universal education, which is now taken for granted in all civilized countries, was vehemently opposed, on grounds which were broadly aristocratic. There had been ever since ancient times a very sharp line between the educated and the uneducated. The educated had had a severe training and had learnt much, while the uneducated could not read or write. The educated, who had a monopoly of political power, dreaded the extension of schools to the "lower classes." The President of the Royal Society, in the year 1807, considered that it would be disastrous if working men could read, since he feared that they would spend their time reading Tom Paine. When my grandfather established an elementary school in his parish, well-to-do neighbours were outraged, saying that he had destroyed the hitherto aristocratic character of the neighbourhood. It was political democracy—at least, in England—that brought a change of opinion in this matter. Disraeli, after securing the vote for urban working men, favoured compulsory education with the phrase, "We must educate our masters." Education came to seem the right of all who desired it. But it was not easy to see how this right was to be extended to university education; nor, if it were, how universities could continue to perform their ancient functions.

The reasons which have induced civilized countries to adopt universal education are various. There were enthusiasts for enlightenment who saw no limits to the good that could be done by instruction. Many of these were very influential in the early advocacy of compulsory education. Then there were practical men who realized that a modern State and modern processes of production and distribution cannot easily be managed if a large proportion of the population cannot read. A third group were those who advocated education as a democratic right. There was a fourth group, more silent and less open, which saw the possibilities of education from the point of view of official propaganda. The importance of education in this regard is very great. In the eighteenth century, most wars were unpopular; but, since men have been able to read the newspapers, almost all wars have been popular. This is only one instance of the hold on public opinion which Authority has acquired through education.

Although universities were not directly concerned in these educational processes, they have been profoundly affected by them in ways which are, broadly speaking, inevitable, but which are, in part, very disturbing to those who wish to preserve what was good in older ideals.

IT IS DIFFICULT TO SPEAK IN ADVOCACY OF OLDER IDEALS without using language that has a somewhat old-fashioned flavour. There is a distinction, which formerly received general recognition, between skill and wisdom. The growing complexities of technique have tended to blur this distinction, at any rate in certain regions.

There are kinds of skill which are not specifically respected although they are difficult to acquire. A contortionist, I am told, has to begin training in early childhood, and, when proficient, he possesses a very rare and difficult skill. But it is not felt that this skill is socially useful, and it is, therefore, not taught in schools or universities. A great many skills, however, indeed a rapidly increasing number, are very vital elements in the wealth and power of a nation. Most of these skills are new and do not command the respect of ancient tradition. Some of them may be considered to minister to wisdom, but a great many certainly do not.

But what, you will ask, do you mean by "wisdom"? I am not prepared with a neat definition. But I will do my best to convey what I think the word is capable of meaning. It is a word concerned partly with knowledge and partly with feeling. It should denote a certain intimate union of knowledge with apprehension of human destiny and the purposes of life. It requires a certain breadth of vision, which is hardly possible without considerable knowledge. But it demands, also, a breadth of feeling, a certain kind of universality of sympathy.

I think that higher education should do what is possible towards promoting not only knowledge, but wisdom. I do not think that this is easy; and I do not think that the aim should be too conscious, for, if it is, it becomes stereotyped and priggish. It should be something existing almost unconsciously in the teacher and conveyed almost unintentionally to the pupil. I agree with Plato in thinking this the greatest thing that education can do. Unfortunately, it is one of the things most threatened by the intrusion of crude democratic shibboleths into our universities.

The fanatic of democracy is apt to say that all men are equal. There is a sense in which this is true, but it is not a sense which much concerns the educator. What can be meant truly by the phrase "All men are equal" is that in certain respects they have equal rights and should have an equal share of basic political power. Murder is a crime whoever the victim may be, and everybody should be protected against it by the law and the police. Any set of men or women which has no share in political power is pretty certain to suffer injustices of an indefensible sort. All men should be equal before the law. It is such principles which constitute what is valid in democracy.

But this should not mean that we cannot recognize differing degrees of skill or merit in different individuals. Every teacher knows that some pupils are quick to learn and others are slow. Every teacher knows that some boys and girls are eager to acquire knowledge, while others have to be forced into the minimum demanded by Authority. When a group of young people are all taught together in one class, regardless of their greater or less ability, the pace has to be too quick for the stupid and too slow for the clever. The amount of teaching that a young person needs depends to an enormous extent upon his ability and his tastes. A stupid child will only pay attention to what has to be learnt while the teacher is there to insist upon the subject-matter of the lesson. A really clever young person, on the contrary, needs opportunity and occasional guidance when he finds some difficulty momentarily insuperable. The practice of teaching clever and stupid pupils together is extremely unfortunate, especially as regards the ablest of them. Infinite boredom settles upon these outstanding pupils while matters that they have long ago understood are being explained to those who are backward.

This evil is greater the greater the age of the student. By the time that an able young man is at a university, what he needs is occasional advice (not orders) as to what to read,



and an instructor who has time and sympathy to listen to his difficulties. The kind of instructor that I have in mind should be thoroughly competent in the subject in which the student is specializing, but he should be still young enough to remember the difficulties that are apt to be obstacles to the learner, and not yet so ossified as to be unable to discuss without dogmatism. Discussion is a very essential part in the education of the best students and requires an absence of authority if it is to be free and fruitful. I am thinking not only of discussion with teachers but of discussion among the students themselves. For such discussion, there should be leisure. And, indeed, leisure during student years is of the highest importance. When I was an undergraduate, I made a vow that, when in due course I became a lecturer, I would not think that lectures do any good as a method of instruction, but only as an occasional stimulus. So far as the abler students are concerned, I still take this view. Lectures as a means of instruction are traditional in universities and were no doubt useful before the invention of printing, but since that time they have been out of date as regards the abler kind of students.

IT IS, I AM PROFOUNDLY CONVINCED, A MISTAKE TO OBJECT on democratic grounds to the separation of abler from less able pupils in teaching. In matters that the public considers important no one dreams of such an application of

supposed democracy. Everybody is willing to admit that some athletes are better than others and that movie stars deserve more honour than ordinary mortals. That is because they have a kind of skill which is much admired even by those who do not possess it. But intellectual ability, so far from being admired by stupid boys, is positively and actively despised, and even among grown-ups, the term "egg-head" is not expressive of respect. It has been one of the humiliations of the military authorities of our time that the man who now a days brings success in war is no longer a gentleman of commanding aspect, sitting upright upon a prancing horse, but a wretched scientist whom every military-minded boy would have bullied throughout his youth. However, it is not for special skill in slaughter that I should wish to see the "egg-head" respected.

THE NEEDS OF THE MODERN WORLD HAVE BROUGHT A conflict, which I think could be avoided, between scientific objects and those that are called "cultural." The latter represent tradition and still have, in my country, a certain snobbish pre-eminence. Cultural ignorance, beyond a point, is despised. Scientific ignorance, however complete, is not. I do not think, myself, that the division between cultural and scientific education should be nearly as definite as it has tended to become. I think that every scientific student should have some knowledge of history and literature, and that every cultural student should have some acquaintance with some of the basic ideas of science. Some people will say that there is not time, during the university curriculum, to achieve this. But I think that opinion arises partly from unwillingness to adapt teaching to those who are not going to penetrate very far into the subject in question. More specifically, whatever cultural education is offered to scientific students should not involve a knowledge of Latin or Greek. And I think that whatever of science is offered to those who are not going to specialize in any scientific subject should deal partly with scientific history and partly with general aspects of scientific method. I think it is a good thing to invite occasional lectures from eminent men to be addressed to the general body of students and not only to those who specialize in the subject concerned.

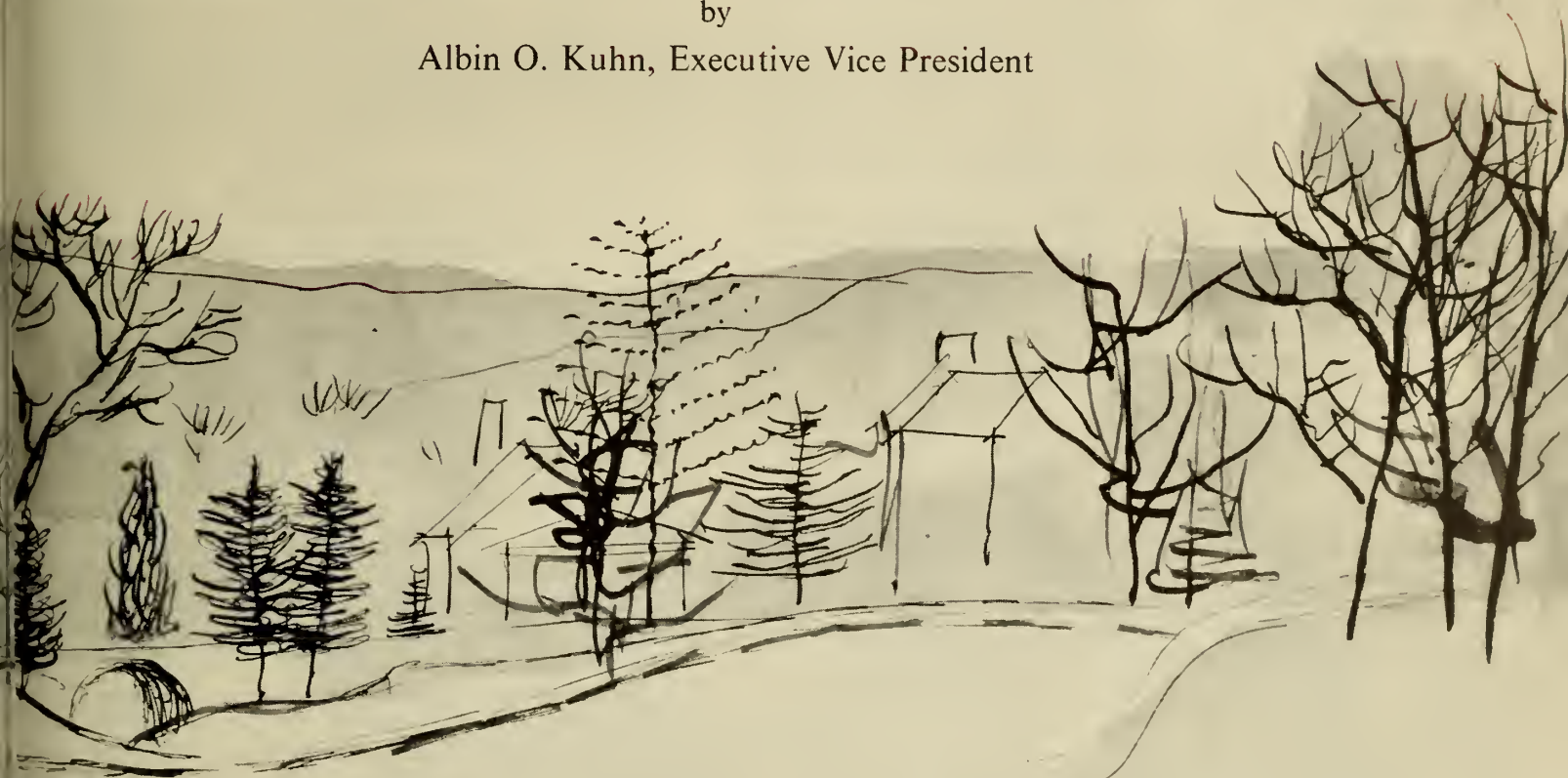
There are some things which I think it ought to be possible, though at present it is not, to take for granted in all who are engaged in university teaching. Such men or women must, of course, be proficient in some special skill. But, in addition to this, there is a general outlook which it is their duty to put before those whom they are instructing. They should exemplify the value of intellect and of the search for knowledge. They should make it clear that what at any time passes for knowledge may, in fact, be erroneous. They should inculcate an undogmatic temper, a temper of continual search and not of comfortable certainty. They should try to create an awareness of the world as a whole, and not only of what is near in space and time. Through the recognition of the likelihood of error, they should make clear the importance of tolerance. They should remind the student that those whom posterity honours have very often been unpopular in their own day and that, on this ground, social courage is a virtue of supreme importance. Above all, every educator who is engaged in an attempt to make the best of the students to whom he speaks must regard himself as the servant of truth and not of this or that political or sectarian interest. Truth is a shining goddess, always veiled, always distant, never wholly approachable, but worthy of all the devotion of which the human spirit is capable.



The Future of the University

by

Albin O. Kuhn, Executive Vice President



IN PROJECTING THE FUTURE OF THE UNIVERSITY ONE IS initially in a difficult position, for any projection of the future must be based primarily on the existing and the past.

The University's future, by its very nature, cannot be projected as an extension of past development, for the University at any stage a dynamic expression of the needs that are current. One who could accurately forecast the future of the University of Maryland would in the final analysis be forecasting the future of the state and the nation.

Advanced planning and projection of future developments is of great importance to any organization, not because the projections can be expected to prove entirely accurate, but

rather because the very act of looking ahead in a planned manner leads to organized thinking about the past, present, and future. Further, it forms the basis for improved plans as new opportunities arise. This article should be read with these thoughts in mind.

What is the University? It is the student body and the resulting alumni, the faculty, the staff, the library, and the various physical facilities. It is organized into colleges and schools that give direction to the teaching and learning, the research and publication, and the leadership and services that are offered. Any look at the future thus concerns these components.

THE STUDENT BODY AND ALUMNI

THAT student numbers will increase is an entirely safe assumption. The doubling to tripling of enrollment that can be projected from the population of less than college age in Maryland may be the mere beginning in enrollment expansion as compared to the generation that follows.

The enrollment of foreign students and students from other areas of the United States will continue to develop within the policy that their numbers shall not be less than 15 percent nor more than 20 percent of the total. This will insure that the diverse origins of the student body will continue to bring to the campus a broad background of experiences that will lead to interchange of information beneficial to all the students.

The University of Maryland attracts a student body of widely diversified preparation for college work, as is true in most state universities. An important strength is thus gained in the preparation of students for the many needs of a democratic society. The heterogeneous nature of the student population can be expected to remain largely unchanged as the future unfolds, except that there should be a gradual improvement in the accuracy with which we can inform prospective students as to their possibility of success in the various programs that can be undertaken within the University. This should lead to some of the students seeking additional preparation prior to entering the University, and to others selecting an alternative for their educational development.

More of the students will attend college by commuting as modes of transportation improve, and as the University of Maryland and other universities look to the development of branch locations, and the costs for living on campus increase.

That the alumni numbers will increase is obvious. That the future will see increasing numbers of alumni at various locations throughout the world seems certain. A roster of present alumni shows location of a global nature. The ease of transportation and the increase in international cooperation will

mean that alumni will be called on to perform important duties on a widespread basis. The alumni will play a more important part in our society for each year a higher proportion of the leadership in government, in industry, and in private enterprise is coming from those who have completed a college degree.

The pages in this magazine offer ample evidence of the dynamic nature of the opportunities and accomplishments that are those of the alumni. The future will record the accomplishments that come with the constructive application of their talents.

THE FACULTY

THE faculty will continue to contain within its ranks individuals of widely diversified training and knowledge essential to full educational opportunity for the students who select the various programs of training. Their individual training and development can be expected to gradually become even more specialized, yet there will be continuing stress among the faculty members toward understanding of all aspects of life and matter.

Their numbers will increase but not in direct proportion to the increases in the student body. Adequately prepared faculty members will become more and more scarce in a period when the demand for teachers is booming, and the needs of government and industry for trained scholars is progressively greater.

The faculty, with the same resourcefulness that has characterized past improvements in instruction, will find ways for the individual member to serve a greater number of students in a more effective manner, and in doing this will help to create a situation in which better salaries can come without undue inflation in the costs for higher education. A long needed change will develop as faculties become better paid, for in the decade ahead the law of supply and demand will operate to insure better faculty salaries.

A rapid rise can be expected in the number of graduate students in the University as a greater portion of the laboratory teaching, the discussion periods, and the quiz sections become the responsibility of the graduate assistants. The support of research through contracts and grants will lead to the need for additional graduate assistants to devote full time to research activities. These developments will have a worthwhile effect beyond the immediate needs of the University for they will provide a larger number of graduates at the doctorate level for the staffing of the many educational institutions that do not have graduate programs, and for the needs of government and industry.

THE STAFF

THE age of mechanization may be expected to have its greatest impact in university life in the area of the work of the staff. Electronic computing centers, stenographic aids, simplification of procedures, and many yet to be developed techniques and devices will all be helpful in allowing the staff to do a better job while increasing the productivity of the individual. These factors, which will tend to decrease the ratio of staff to students, will be offset by others which require more precise information about the academic programs, the



research activities, and the efficiency of University operation. In the period of short supply of faculty members, a greater proportion of the routine work that is now accomplished by the faculty will become the responsibility of the staff.

THE LIBRARY

THE library system of the University, including the main library building and the departmental collections, will continue to be the prime organized source of the knowledge which has been gained through the years. The number of books and periodicals will grow at a more rapid rate than the increase in student numbers, and this growth will be in recognition of the increasing importance of having needed information readily available, of the increasing rate with which publications are appearing, and the increasing stress on the broad development of the individual student at as rapid a pace as is consistent with his capacity. The great libraries of this area, such as the Library of Congress, will continue to play an important part in the work of the University, particularly in the activities of students at the graduate level.

The accessibility of the library collections will continue to improve. The open stack system, which has proved so helpful on the College Park campus, is but one step in the direction of making the resources of the library more easily accessible to users.

PHYSICAL FACILITIES

LAND, landscaping, the buildings, and the equipment of a university are planned so as to provide the surroundings that are essential to the functioning and well-being of students, faculty, and staff. Where these are properly planned they add materially in the efficiency with which these persons can discharge their responsibilities. If conceived in architecturally good taste, the physical facilities have an inspirational impact that is important.

Among the important changes of the immediate future is the development of a better campus environment for the Baltimore schools and the University Hospital, and new construction at both College Park and Baltimore to replace some of the older buildings and to provide for the increasing student enrollments, research programs, and service functions.

Physical facilities will continue to expand at the University. This expansion will not be in direct ratio to the increased work of the University for newer methods are being developed each year for more efficient use of the space. The stress on the College Park campus will be on ever more careful planning of the land use in order that the expansion of the University can be made in a manner that will keep the various educational activities within an area convenient to students. Continued emphasis will be placed on peripheral parking to provide for the many students who will commute. This will have the added advantage of minimizing traffic in the center of the campus. The architecture of the new additions can be expected to be very similar to those now on the campus. The University is fortunate in having a uniformity of architecture that is in excellent taste and to have a type of architecture that allows as low cost for construction as can be found for buildings of a permanent nature.

In Baltimore a major need is a master plan for the entire campus development. This will be finalized in the near future.

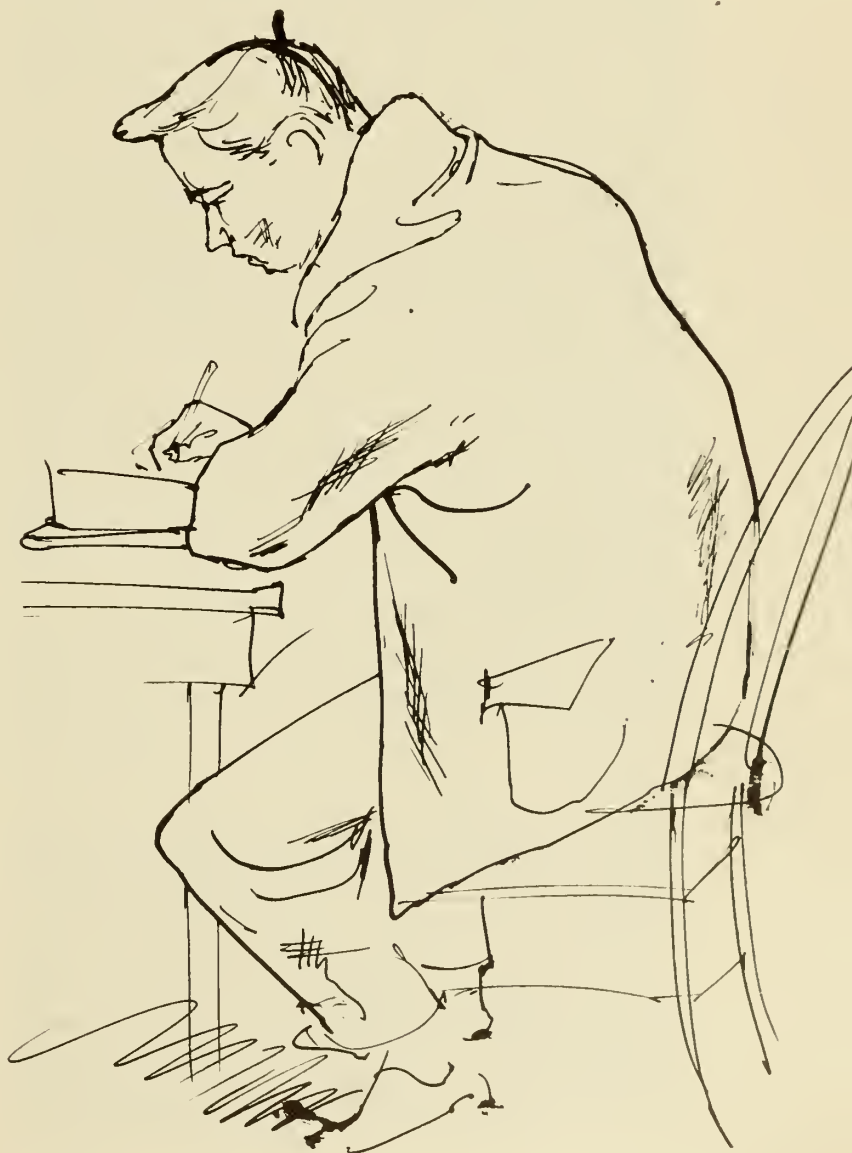
With the aid of many governmental agencies, the Baltimore campus will be developed so as to provide somewhat greater seclusion from noises and dangers of vehicular traffic, to provide for additional multi-level parking, and to create a setting to adequately serve the new buildings that can be expected in the twenty year period ahead.

COLLEGES AND SCHOOLS

THERE will be some additional colleges and schools as the University expands. Some of these may be locations new to the University. Perhaps the first to be added will be the graduate school of social work on the Baltimore campus.

CONCLUSION

THE University will expand in a manner that brings to bear all of the knowledge that has been developed in its past growth and in response to the needs of Maryland citizens. Increasing student enrollments and research opportunities will play a major role in the expansion ahead. Just as alumni who visit the University today remark that it has grown since their graduation and they hardly recognize their Alma Mater, so also may we expect future alumni to react.



That Noble Experiment of the Lords Baltimore

By Dr. Verne E. Chatelain

THE FOUNDING, ON MARCH 27, 1634, OF "THE CITY OF St. Mary" in the narrow neck of fertile land between the broad waters of the Potomac and the Patuxent rivers was the culmination of a majestic plan, into which George Calvert and his son, Cecil Calvert, had poured many years of tireless effort as well as much of their personal fortunes.

Today, almost every school boy and school girl in America knows something of this story, and the citizens of Maryland—both the "native" and the "transplanted" varieties—pride themselves upon their recognition of this great achievement, which they are accustomed to commemorate in special ceremonies on "Founder's Day." Yet, from that day to this, after three hundred and twenty-six years of Maryland history, there still prevails an ignorance about the real purposes and objectives of these two great Calverts, and very little realization of the true nature and significance of this "Noble Experiment."

When the historic *Ark* and *Dove* weighed anchor on St. Cecilia's Day, November 22, 1633, and set out from Cowes in the Isle of Wight, there were on board, besides the crews, passengers—men, women, and children—numbering a few more than two hundred. The voyage was relatively uneventful, when we consider the terrors that a four months trip on the Atlantic in those days so often produced. After stop-overs at Barbadoes island in the West Indies and in the Virginia colony, a landing was made at St. Clements island (now Blakistone) on March 25, where religious services of thanksgiving were conducted by the Jesuit Father White. Before reaching St. Mary's river, Governor Leonard Calvert, acting upon instructions from Cecil, his brother and the Lord Proprietor, negotiated with the Indians and secured their peaceful permission to occupy the lands involved in the Maryland charter. The site, selected for the first settlement and containing some Indian structures, was paid for in hatchets, axes, cloth and other articles acceptable to the local Indian "king," Yaocomieo. It was located at the mouth of the beautiful little St. Mary's river, and just opposite the principal village of the "king." The ground was high, the soil good, and, especially important, there was adequate drinking water. Because the season was right for the planting of crops, everyone aided in this necessary work. Meanwhile, the Indians generously furnished considerable food to supplement that which the settlers themselves could find for their own use.

Thus the colony moved swiftly to establish itself. Homes were built, lands were allotted, roads were built, and government was instituted, with the result that before the first year had come to a close, the Maryland settlement was smoothly operating—and without any of the ghastly experiences that had so marked the history of Jamestown and of Plymouth. In fact, as is quite evident from the foregoing details, the

colony, from its inception, was the beneficiary of the careful planning and skill and wisdom of the Calvert family, which had conceived and then had launched it.

Who, then, were these Calverts, upon the understanding of whom so much depends, if we are to interpret the Maryland story correctly?¹ Generally it is written that theirs was a powerful Catholic family, and that the Baltimore title was derived from an Irish source and carried with it a land grant of more than one thousand acres. It is also stressed that they enjoyed the favor of the Stuart monarchy—particularly the patronage of James the First, and of his son, Charles the First. All of these facts are true, but they only begin to present the situation that must be understood.

For George Calvert there exists a good deal of biographical data, and this is fortunate, indeed, inasmuch as he was, though he did not live to become Maryland's first proprietor, the real father of the colony. Born in north central England, probably in the year 1580, during the reign of the great queen, Elizabeth the First, he was a contemporary of the incomparable William Shakespeare and of many other distinguished men of letters and of statescraft—in an age of history when England was fast arriving as the most powerful nation in the world. The Calvert family even then was upper middle class, but it had as yet no title of nobility. Also it was still Anglican, or Church of England, rather than Catholic. As might be expected in these circumstances, George was sent to Oxford, where he received the coveted degree of Bachelor of Arts in 1597. He had proved to be a good student, and already was displaying those basic characteristics of skill, wisdom, and integrity, that won confidence in him from powerful figures in public affairs. Among these soon came to be his chief sponsor—the great Earl of Salisbury, then the Secretary of State, an office which, one day, Calvert likewise would hold.

GEORGE'S LONG CLIMB UP THE CIVIL SERVICE LADDER IT IS not necessary here to relate in detail. Along the way, he served with distinction as a special emissary to France, and for a time, too, held down the "Spanish" and "Italian" desks. During all of his career, he traveled widely, and thus became gradually acquainted with most of the world problems that England faced. It was in the colonial field, however, that he was to find his absorbing interest, and, as Secretary of State and actually the chief administrative officer of the King's own Privy Council, he had a first hand official contact with both the London Company (and its Jamestown colony) and the New England Council (successor to the Plymouth Company). It can be stated, in this connection, that probably no man in England was so conversant with colonial matters

as was George Calvert in the period 1619 to 1632. In fact, at one time (1620 to 1624) "Calvert was on all the principal administrative committees in charge of colonial affairs," including those for the English East India Company; and when Virginia was declared a "royal colony" in 1624, he was called upon to wind up the business of the expiring London, or Virginia, Company.

If the story of George Calvert's civil service career indicates strongly that he was a man of tremendous ability, as well as an expert in the colonial field, there were other facets to this amazing life that have deep significance in the conception of the majestic plan for the Maryland colony. It is not difficult to see, for instance, why a man of his stature would attract the attention and the frank admiration and affection of the Monarch. In all of his work, but primarily in the intimate circle of the Privy Council, he demonstrated always his deep devotion to the institution of kingship, but especially to James the First as a personal friend, and this devotion was reciprocated to such an extent that the two became the closest of confidants.

Admittedly, James had few close advisers, and that very fact made Calvert's position all the more important in the scheme of things. So, the time came when he was able to ask from the King what he most of all wanted—a grant of power to establish a colony of his own design, wherein he could apply all of the ideas that were in his mind. It is characteristic of the man, that what he proposed was not so much for himself as for the Monarchy itself and for England.

The considerations, therefore, that were fundamental in George Calvert's thinking concerning his proposed new world colony become very important in understanding the Maryland venture. The first of these, as is indicated above, was his belief in the essential goodness of absolute monarchy, always, let it be noted, in the hands of a responsible and enlightened ruler, who could bring to his people a state of tranquility, of well-being, and even of personal civil and religious liberties, which, left to themselves, and in a more democratic form of society, they very likely would fritter away through internal bickering, bigotry, and compromise. In short, Calvert saw no true relationship between democracy and enlightened liberalism—certainly not in the seventeenth century world in which he lived. The sharp conflicts in his own England, between court party and puritans, clearly tended, he believed, to demonstrate that men bent on achieving power in the name of freedom were only too willing, on reaching their goals, to impose the principle of complete conformity on all opposing factions, so making a mockery of freedom. On the contrary, the enlightened monarch, above, and outside such factional storms, was the instrument by which equity and justice for all would be forthcoming. His colony, thus, must be governed by an absolute monarch, just as England must be.

A second basic concern to Calvert in the establishment of his colony was the value that it would have for his beloved England. Here again, although the economic blessings of a prosperous colony were apparent to him, as well as the added power and prestige that it would give to the mother land in the fierce struggle with rival empire states, his primary concern was with the English internal problem, where civil war, bigotry, and factionalism threatened to destroy all of the great gains that were now becoming evident in the field of international competition. Maryland, therefore, must become, like Thomas More's "Utopia," a demonstration in an ideal form of society, with church and state in their separate spheres both serving humanity and helping to bring about a condition of complete civil and religious freedom. So Mary-

land would be a place to which England itself might look for the perfect solution to its own internal problems. What better way could there be, Calvert reasoned, to help England to realize its own great destiny?

By some writers, a great deal of emphasis has been given to George Calvert's conversion late in his career to Catholicism; and they conclude, from this fact, that the first Lord Baltimore (he was knighted in 1617) espoused the cause of complete religious freedom in Maryland only at the point where he realized that his Catholic brethren would not be safe without the irrevocable recognition of this principle—in brief, that this step was forced upon him as a defensive maneuver. Nothing could be farther from the truth, and, on the contrary, such a position does grave injustice to the Catholic position in the colony, as well as to those other groups outside the Anglican Church.² Not only did the first Baltimore write into Maryland's Great Charter the guarantee of religious freedom, but Cecil's recorded instructions to the first Governor, Leonard Calvert, and to his other Catholic colonists after George's death also specifically spell out the principle. Cecil's stern orders in so many words clearly command that the Catholics, far from "taking over," must follow the path of unequivocal religious toleration with all men. Let it be said, then, emphatically, that George Calvert, and, just as truly, his son, Cecil as the first Lord Proprietor, never intended to establish a preponderantly Catholic colony in Maryland, but rather a sanctuary of peace and tranquility, where all men of all faiths—even of non-Christian inclinations—would be completely free to follow their special creeds without challenge.

IN THIS CONTEXT, THE FAMOUS TOLERATION ACT OF 1649, which is often cited today as the basic charter of religious freedom, deserves particular attention. It is especially noteworthy that it came in the very year when the second Stuart, Charles the First, was beheaded and when civil war between Puritans and the Monarchists was at high tide, both in England and in Maryland. Because it operated to put the defenders of the Proprietor on the defensive, as well as because it was a retreat away from the ideal of complete religious freedom, it was something less than a genuine "toleration act." It does not, therefore, represent the climax of the struggle for religious freedom in Maryland, but rather the beginning of the long process by which the Baltimores were shorn of their powers and the climate of civil and religious liberty lessened. So it is that, on Founder's Day, it is well to remember, not only the great story of the planting of the Maryland colony, but also the fact that freedom, as a way of life, is a tender, fragile flower, which may flourish if properly cared for, yet may be crushed and die, if unattended. This truth the great Baltimores, George and Cecil, knew full well.

1. Probably the most useful of the works on the origin and colonial era of Maryland are: M. P. Andrews, *History of Maryland: Province and State*, N. Y., 1929; also, by the same author, *The Founding of Maryland*, N. Y., 1933; and N. D. Mereness, *Maryland as a Proprietary Province*, N. Y., 1901. In addition, there might be suggested, J. T. Scharf, *History of Maryland from the Earliest Period to the Present Day*, 3 vol., Balt., 1879.

In this connection, the student may wish to probe carefully the earliest colonial activities of George Calvert—especially the story of the Avalon colony in Newfoundland. This colony may be regarded as a "pilot colony," preliminary to that of Maryland. Its charter (and general plan of operation) was similar to that of the later enterprise on the shores of Chesapeake.

(Continued on next page)

The position of Cecil Calvert, the second Lord Baltimore and the first Lord Proprietor of Maryland, needs, perhaps, a word of definition. Cecil took over the negotiations for the Maryland charter, when they neared the final stage of completion, at the time of the death of his father in 1632. George, not Cecil, was entirely responsible for the ideas and the planning, including a personal reconnaissance of the Chesapeake Bay area where the grant was finally made. After George's death, Cecil, who was very close to his father, and always intensely interested in the plan, determined to push ahead toward its realization. His contribution was, thus, that of a skillful administrator, whose superb handling of the Maryland project left him in a strong position as Proprietor down to the time of his death in 1675. The Enoch Pratt Library of Baltimore contains the Dr. Hugh H. Young collection of paintings of all of the Lords Baltimore (from George

Calvert, the first, to Frederick, the sixth), who figure in the Maryland story directly. This collection represents copies of originals in England, furnished to Dr. Young in 1933.

2. A very recent work, by Thomas O'Brien Hanley, S.J., entitled *Their Rights and Liberties*, Westminster, Md., 1959, traces the liberal Catholic tradition in England from the time of Thomas More down to its application in the Maryland colony in the Ordinance of 1639 (not to be confused with the Toleration Act ten years later). Though misinterpreting possibly the significance of George Calvert's designs, and especially his initiative in the matter of civil and religious liberty respecting Maryland, the book has great value in accounting for the point of view of the Catholic group in the colony toward separation of church and state and religious freedom generally.



Do You Remember?

DO YOU REMEMBER THIS DORMITORY, OR THE STUDENTS pictured here? The photograph is signed by John Thompson and dated 1904. If you can identify anyone in the picture, please notify the Maryland and Rare Books Department, McKeldin Library, University of Maryland, College Park, Maryland.

This photograph represents one type of item sought by the Library for its University and State archives. Other materials include letters, diaries, programs, catalogs, photographs, year-books—all types of publications.

If you have any University or State materials which can be added to the library's collection, please notify

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Alumni-University Liaison Advisory Committee



Mrs. Singleton



Dr. Triplett



Mr. Brigham



Dr. Pelczar



Dean Aisenberg



Dr. Kuhn

THE ADVENT OF 1960 OPENED A DECADE THAT PROMISES unusual growth of the University of Maryland in serving the increasing needs of higher education. In such a period the opportunities for cooperative effort between the Alumni and the University are expanding at an ever-increasing rate. Foreseeing the challenges of the 60's, a new means of communication has been established between the Alumni Council and the University Administration in the form of a jointly appointed liaison committee.

The six-member Advisory Committee came into being by the joint action of the President of the University and the President of the Alumni Council. Mr. Boswell appointed Mrs. Elizabeth Rohr Singleton, Dr. William H. Triplett, and Mr. David L. Brigham as representing the Council, and Dr. Elkins appointed Dr. Michael J. Pelczar, Dean Myron S. Aisenberg, and Dr. Albin O. Kuhn to represent the University.

(Continued on page 17)

Alumni Celebrate Charter Day

CHARTER DAY, 1960: A DAY RESERVED FOR COMMEMORATING the establishment of the state university.

The University of Maryland in Baltimore had its beginning in the Medical School, established in 1807. In College Park, the year 1856 witnessed the birth of the Maryland Agricultural College. Charter Day recognized these beginnings and celebrated the 100th anniversary of the first classes to be held on the College Park campus.

As part of the formal ceremony for the occasion, Governor of Maryland J. Millard Tawes proclaimed January 20, "Charter Day," that same day which, in 1807, saw the charter become law, establishing the School of Medicine in Baltimore.

Less formal recognition of this significant event was taken by a large number of alumni and friends of the University at a gathering January 22. Under the sponsorship of the Alumni Club of Baltimore, David W. Bien, President, the group gathered for a banquet in the Lord Baltimore Hotel.

A high point in this evening event was the speech of General Elwood R. Quesada, distinguished Maryland alumnus. He enlisted in the Army in 1924 as a private and rose to the rank of three-star general. As Administrator of the Federal Aviation Agency, Gen. Quesada has responsibility for modernizing the federal airways system, directing air traffic control of civil and military aircraft, and issuing and enforcing air safety rules. He is the first to head this new, more powerful and comprehensive Federal organization.



ALUMNI AND FRIENDS of the University of Maryland celebrate Charter Day at a banquet at the Lord Baltimore Hotel.



ALUMNI AND FRIENDS enjoy a social mixer before the Charter Day banquets.

Gen. Quesada spoke concerning aviation and its ramifications with respect to public safety. He pointed out the spectacular growth of aviation in numbers of people employed, passengers carried and passenger miles flown. He outlined the need for regulation and supervision to improve the nation's air safety. He summarized, saying, "I should like to quote a comment from one of our critics. FAA—he said—had a mania for safety. Ladies and gentlemen, I couldn't agree with him more completely."

Gen. Quesada also remarked, "We alumni with our common denominator of a college education must rather turn the moment to higher learning as it is today. Our concern must be with the colleges and their efforts to meet a very demanding future."



GOV. J. MILLARD TAWES PRESENTS the official Charter Day Proclamation to David W. Bien, president of the University of Maryland Alumni Club of Baltimore.

Alumni-University Liaison Advisory Committee

(Continued from page 15)

The Alumni-University Liaison Advisory Committee is charged with the responsibility of discussing any and all questions that may be considered to be of importance to the University in maintaining and improving Alumni-University cooperation. The agenda for its discussions will originate from the actions and considerations within the University and the Alumni Council.

In appointing the University representatives to the liaison committee, President Elkins stated: "Among the changes that will make the decade ahead important in the life of the University is the rapid increase in enrollments that is sure to come, and the widespread recognition of need for greater research endeavor that can best be undertaken in a university setting. Full support of the Alumni can be of immeasurable aid in meeting these needs. The Liaison Advisory Committee can perform an important service in communication between the Alumni and the University."

President Boswell expressed the feeling that each alumnus of the University of Maryland owes a debt that can be repaid only by devoting his knowledge of the University and its place in the educational and research needs of the State and Nation to support the continued growth and improvement of its programs. Every effort must be made to maintain complete cooperation between the alumni and the administration for their common purpose.

The Committee, which will be appointed annually, is at present composed entirely of individuals who graduated from the University of Maryland.

Mrs. Elizabeth R. Singleton is a graduate of the School of Nursing, class of 1947. She is a resident of Baltimore, is Vice President of the Alumni Council, and has been active on various committees of the Council as a representative of the School of Nursing.

Dr. William H. Triplett, member of the class of 1911, has been active for many years as the Executive Secretary of the Medical School Alumni Association, and has represented the Medical School as a member of the Alumni Council. He is Vice President of the Council. In addition to his many duties in the Medical School, he has found time to develop a widespread reputation for his culinary efforts, specializing in seafood.

Mr. David L. Brigham, member of the class of 1938, is a graduate of the College of Arts and Sciences, is Director of Alumni Relations, and has been in this work at the University since 1947.

Dr. Michael J. Pelczar, member of the class of 1936, College of Arts and Sciences, is now Professor of Microbiology in the College of Arts and Sciences. He has been active in the work of the faculty organization of the University, and served as chairman of the subcommittee that developed the faculty salary plan now in effect at the University.

Dean Myron S. Aisenberg, member of the class of 1922, is a graduate of the School of Dentistry, and has been Dean of the School of Dentistry since 1954.

Dr. Albin O. Kuhn, member of the class of 1938, is a graduate of the College of Agriculture. He has long been associated with the University and was appointed Executive Vice President in 1958.

Maryland Books and Authors

Edited by Mrs. Harold Hayes, Head,

Maryland and Rare Books Department

Bode, Carl. *THE ANATOMY OF AMERICAN POPULAR CULTURE 1840-1861*. Berkeley: University of California Press. 1959. 292 p. \$6.00.

THIS BOOK, *The Anatomy of American Popular Culture, 1840-1861*, deals with the trends of popular culture in an especially vibrant period of American growth.

In it, the author discusses many facets of American culture: plays, books, magazines, art, music, architecture, newspapers, etc.

According to Dr. Bode, in his "An Aside to the Reader," he has used the "people's choice" as the basis for his selection of examples which had an influence on American character.

Dr. Bode begins his discussions of culture in this period with the drama. In this chapter, he gives a fair amount of attention to Harry Watkins, career actor, dramatist and producer. He brings out by his quotations from current plays the lusty, many-sided, alive drama of the period and points out that the audiences were equally strenuous. They applauded or hissed, according to their pleasure or irritation.

The leading actor of the time, Edwin Forrest, in keeping with the fact that Shakespeare overshadowed everything, said, "I hold that next to God, Shakespeare comprehended the mind of man." American audiences agreed.

At the same time, Americans showed a real interest in politics and argued with a zest greater than today's. The newspapers, the author states, both reflected and increased this interest, but did not influence the voting public. Most of the voters, it seemed, were at odds with most of the newspapers. On the whole, however, newspaper reading grew decade by decade.

It was during this period that Horace Greeley's *Tribune* was started, with its coverage of civic events, cultural material, human interest stories, and superb editorials.

It was also the time of the "mammoth weekly" in newspaper form, grown so because of the demand for sentimental fiction.

Among the magazines, *Harper's* exerted the widest influence on American



Dr. Bode

culture. The outstanding periodical for women was *Godey's Lady's Book*, with a circulation of 150,000.

Women may have been reading *Godey's*, but some were also writing. In his chapter on "The Scribbling Women," Dr. Bode discusses the Susan Warner novel *Wide, Wide World*, as the most-talked-about domestic novel as the 1850's opened. Other women such as Caroline Lee Hentz, Maria Cummins and Mary Jane Holmes followed Susan Warner.

"In the ordinary course of events," says Dr. Bode, "Harriet Beecher Stowe would have made a modest contribution to mid-nineteenth century American culture." She would have published domestic novels, with an average sale, but the timeliness of her *Uncle Tom's Cabin* increased its popularity and made it an experience for every reader. It was so effective that many scenes have become folk-lore.

The appearance of Jenny Lind, the songs of Stephen Foster, contributed to our musical culture.

Gothic architecture, Emanuel Leutze, Currier & Ives, and Horatio Greenough's "George Washington" and Hiram Powers' "The Greek Slave" all play a part in the fine arts contribution to American culture.

The book has been well-illustrated with photographs and art representative of the period.

"Summaries of Trends" also add to the interest, and quotations from contemporary sources document Dr. Bode's thesis—that a culture *can* mature.

Dr. Bode returned to the United States in September, 1959, after more than two years in Great Britain as Cultural Attaché at the American Embassy and Cultural Affairs Officer with the United States Information Service.

Dr. Bode, a professor of English with special emphasis on American literature and civilization, is also author of a new volume of poetry, *The Man Behind You*.

Man of Reason, by Dr. Alfred O. Aldridge, will be the next title to be reviewed.

College of

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DR. CORY IN HAWAII

Dr. Ernest Cory is enjoying his retirement in Hawaii. Dr. and Mrs. Cory are visiting their daughter and son-in-law, Commander R. T. Blackwell, who are stationed at Oahu, Hawaii. The Corys have been attending the Orchid Show and the Art Institute in addition to the usual tourist attractions.

PORTER COUNTY AGENT

Roy D. Porter, '54, has been appointed Worcester County agent, to fill the vacancy resulting from the retirement of Robert T. Grant.

A native of Kent County, Porter served as assistant county agent in Queen Annes County from 1954 to 1956 and in Worcester County from that date to the present.

As a student in college, Porter majored in animal husbandry and took part in many student activities that helped develop leadership abilities. He was active in the Block and Bridle Club and a member of the College Livestock Judging team that competed at Timonium and the International at Chicago.

COHILL HEADS SALES

Roger W. Cohill, '47, Vice President in charge of sales, Miller Chemical Company, Baltimore, was pictured on the cover of the November issue of *Farm*

Chemicals. He was moderator at a marketing seminar for the farm chemicals industry sponsored by *Farm Chemicals* magazine.

FOSTER HONORED

Dr. John E. Foster has been honored with a Life Membership in the Maryland Beef Cattle Producers Association. He is Head of the Department of Animal Husbandry at the University of Maryland College of Agriculture.

At a recent meeting of the Association, Dr. Foster was presented a certificate of honorary membership, "in recognition of his outstanding service to the livestock producers of the State," by E. Brooke Lee, Damascus, Md., Vice President of the Association. The certificate was signed by Mr. Lee; Lawrence E. Downey, '38, Sharpsburg, President; and Herman F. Ramsburg, '36, Cambridge, Secretary-Treasurer.

GOTTWALS BANK OFFICIAL

Directors of the First National Bank of Southern Maryland, at Upper Marlboro, have announced the election of Abram Z. Gottwals, '38, as an Assistant Cashier. Abe will continue in charge of the bank's agriculture department. He was chairman of the Maryland Bankers Association for three years. He joined the bank in 1952, after 11 years with the Baltimore district of the Farm Credit Administration.

MARKETING AUTHORITY

George S. Abshier, '42, in Agricultural Economics is Extension Economist in Marketing for Oklahoma. His most recent publication is on the management of cooperative associations.

KEN WARNER HONORED

Dr. Kenneth F. Warner, University of Maryland, was one of eight elected an Honorary Fellow of the American Society of Animal Production, at the society's annual meeting, in Chicago. The society is composed of American and Canadian animal scientists. Dr. Warner is Professor of Extension Service Studies and Training in the College of Agriculture.

He was presented a certificate and life membership in the Society by a fellow faculty member of the University

of Maryland, Dr. W. W. Green of the Animal Husbandry Dept. Dr. Green is Chairman of the Committee for Honorary Awards of the Society and is also president of the North Atlantic Section of the Society.

Dr. Warner began his career as an animal husbandman with degrees from the University of Nebraska and the University of Minnesota. He spent several years as an instructor in the University

of Minnesota, and a comparable period as Extension Animal Husbandman at the University of Nebraska. In 1921, he joined the USDA serving as Meats Investigator, Bureau of Animal Industry, until 1936. That year, he rejoined the Extension Service as Meat Specialist. He became a Training Specialist of the Foreign Agricultural Service in 1951; returning to Federal Extension as Train-

(Continued on next page)

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ing Specialist in 1954. Since his retire-ment from Federal Service in 1957, Dr. Warner has been a member of the Uni-versity of Maryland faculty.

IN MICHIGAN

To hear your name called in a distant place is interesting. On a trip to Mich-igan State University, I was surprised to meet William B. Taylor, '47; he is a field representative for a large dairy in northern Michigan. As "Reds" said, "this is the advantage of being an alumnus."

FOREIGN VISITORS GLIMPSE MARYLAND AGRICULTURE

Foreign visitors to the Maryland College of Agriculture are getting a glimpse at plans and purposes of Land Grant Col-leges, and the College is using these con-tacts to get them to the Maryland farm scene.

The most recent visitors were mem-bers of a Rumanian delegation of finan-ciers. At the college, Dean Gordon Cairns gave them a quick look at Mary-land's resources and agricultural devel-opments.

A trip to the Lawson King Farm, Montgomery County introduced the Rumanians to their first American farm and the only farm they will visit during a month's stay in the United States.

Interested in finance, they asked W. I. King's farm manager for a look at the kind of records farmers keep. Members of the delegation were interested in sim-plified record keeping, saying that farm-ers in their country waste too much time keeping records.

Dairy Herd Improvement Association records showed the visitors how breed-ing programs are affected by production records of individual cows.

Seeing their astonishment at the cost of modern haydryers, King told them, "One field of hay will pay the cost of a dryer—if that field's yield is lost."

Visiting the College of Agriculture and the Montgomery County farm were Radu Manescu, deputy minister of finance; Adrian Iosipescu, director in the judicial and treaty department of the Foreign Ministry; Nicolae Cristescu, deputy director of the Ministry of Finance; Gheorge Racutianu, secretary of the Rumanian Legation, Washington, and Mrs. Ireve Vianu, interpreter.

During the fall semester, 39 foreign visitors have been guests at the Mary-



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land College of Agriculture. Contacts are made with the College through embassies, USDA Foreign Agricultural Service, United Nations and international agencies. Visitors include diplomats, business and technical men looking for better methods and information in United States agriculture.

Thirteen countries—Thailand, Australia, China, Indonesia, Turkey, England, Yugoslavia, Netherlands, East Africa, Poland, Russia, Rumania and Greece—have been represented by their 39 representatives.

A GOOD RECORD

Steve Kahoe, '49, Street, Maryland, has established a record for future alumni. The Kahoes lived on the campus while Steve was a combination student and herdsman for the Animal Husbandry Department. They now have a family of 13 children. (Can any alumnus top this?)

College of

ARTS AND SCIENCES

Staff of the College

MICROBIOLOGY NOTES

Dr. David Gottlieb, Professor of Plant Pathology at the University of Illinois, presented the second lecture in the Department of Microbiology 1959-60 series (Lectures in Theoretical and Applied Aspects of Modern Microbiology) on Thursday, January 14th, in Symons Hall Auditorium. Dr. Gottlieb's talk was entitled "Actinomycetes—Challenge to the Taxonomists." Each academic year three outstanding microbiologists are invited to the campus to present lectures concerning their work, and participate in discussions with all interested persons. The series is sponsored jointly by the American Cyanamid Company, Chas. Pfizer and Sons, and Merck and Company. Copies of the lectures are made available for distribution to interested persons. The third presentation was given on Wednesday, March 9th, in Symons Hall Auditorium, by Dr. Ned B. Williams, Professor of Microbiology, School of Dentistry, University of Pennsylvania. His talk was on "Microbial Ecology of the Oral Cavity."

(Continued on next page)

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Dr. Michael J. Pelczar, Jr., Professor of Microbiology, has been invited to participate in a National Science Foundation Institute for Teachers being held at the University of Georgia, Athens, Georgia.

INVESTIGATION INTO TYPES OF EGGS

A study of the mechanism which enables the eggs of certain invertebrate animals to withstand long periods of adverse environmental conditions will be undertaken by Dr. Harris J. Linder, Assistant Professor of Zoology.

Supported by a \$10,000 National Science Foundation grant, Dr. Linder's

project will involve an investigation of the chemical nature of the substance or substances that allow certain animals to produce both thick and thin-shelled eggs depending on physiological and environmental conditions.

"It is believed that the phenomenon of quinone tanning, a process in which there is a hardening of the cuticular protein, such as, in the outside skeleton of an insect, is the same protective mechanism responsible for the hardening of the eggs in invertebrate animals," he explained.

"A thorough study will be made with microscopic animals to clarify the chemical events that result in the hardening of the shell substance," he continued, "and to determine if these events are comparable to the general phenomenon of quinone tanning.

"To make this comparison it will be necessary to study the factors involved in determining the type of egg which will be produced, as well as the mechanism underlying the formation of thin and thick-shelled eggs in those animals which produce both types," he concluded.

Dr. Linder pointed out that the investigation would include microscopic study of the ovary and accessory reproductive tissues in these animals, the biochemical activity before and after shell synthesis, and the chemical nature

of the substance or substances contributing to shell formation.

A graduate of Long Island University where he received a B.S. degree in biology in 1951, Dr. Linder attended his first year of graduate school at Brown University. He then transferred to Cornell University where he obtained an M.S. degree in 1955 and a Ph.D. degree in 1958. After a year of post-doctoral work as a research associate at the Argonne National Laboratory he was appointed to the University of Maryland faculty.

HAINES JOINS ESSO

Ernest V. Haines, '30, has joined the staff of Esso Research and Engineering Company. The firm is the major scientific and engineering affiliate of the Standard Oil Company (New Jersey). Mr. Haines also has received a law degree from Georgetown University. Before joining Esso Research, he was with International Minerals and Chemical Corporation for eleven years.

MRS. STOKES AT WASHINGTON

Mrs. Mary Perkins Stokes, '53, is now the Associate Editor of the University of Washington *Business Review*. The *Business Review* is published bimonthly during the academic year.

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Charles W. Coale, '59, was recently graduated from the Navy's Officer Candidate School in Newport, Rhode Island. Mr. Coale now holds the rank of Ensign.

DR. TOLL VISITS MONMOUTH COLLEGE

Dr. John S. Toll, Professor and Chairman of the Department of Physics, served as a visiting lecturer at Monmouth College, West Long Branch, New Jersey, November 17 and 18.

He visited under the auspices of the American Association of Physics Teachers and the American Institute of Physics as part of a broad, nationwide program to stimulate interest in physics. The program is now in its third year and is supported by the National Science Foundation.

Dr. Toll gave lectures, held informal meetings with students and assisted faculty members with curriculum and research problems. He was the guest of Professor John R. Hobbie, chairman of the Monmouth College Department of Physics.

FRENCH CLUB

The *Cercle français* has been reactivated by Mr. Leo Lemaire of the Department's staff. Co-sponsor is Dr. Alter. French-speaking foreign students have been among the active students. An illustrated talk in French on Viet Nam was presented this past winter by a Viet Namese student.

FRENCH OVER WMUC

Mr. Lemaire has been broadcasting over the campus radio station to assist elementary students with their first textbook.

SPEECHES ON FRENCH MATTERS

Professor William R. Quynn has been lecturing for the Frederick Rotary Club, first on "Problems in Foreign Language Teaching," and in December on "The Algerian Situation." He has also been

(Continued on next page)



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doing reviews for the *Washington Post* of books by Benjamin Constant.

Professor Quynn is historian for the Frederick County Historical Society. He is a member of the Committee on the Civil War Centennial.

NEW LITERARY MAGAZINE

Professor Leonora C. Rosenfield, who returned to the campus last fall after leave for research on a book she is preparing for Harcourt, Brace & Co., contributed an article last spring on "The Philosopher and the Poet" for the first issue of *Palinurus*, edited by Professor Herbert Schaumann of our English Department.

WILSON WRITES ARTICLE

Samuel W. Wilson, '52, has written an article titled "New Candlepower Standards" which has been published by the National Bureau of Standards.

DR. GOODE RECEIVES ADMINISTRATIVE POST

Dr. Stephen H. Goode, '49, has been appointed Assistant Director of Admissions at the Rensselaer Polytechnic Institute where he has taught English since 1958. Dr. Goode taught and engaged in

CORRECTION

In the January-February issue, Dr. Donald W. Krimel was incorrectly named as Dr. Harold W. Krimel. The item describes Dr. Krimel's appointment to the chairmanship of the National Council on Public Relations Education.

graduate study at the University of Pennsylvania for six years prior to joining the Rensselaer faculty.

SERVICE NEWS

John R. Fritsch, '58, is a member of the Quantico Marines football team which had an outstanding season this year.

A first solo flight was made recently by Naval Aviation Cadet Warren E. Rauhofer, '59.

Carolyn B. Drain, '59, has joined the Special Services staff of the U. S. Army in Europe as a service club recreation director. She is presently stationed in Nurnberg, Germany.

ELECTRONICS LABORATORY

The Foreign Language Department has had a functioning electronics laboratory since June, 1959. Designed and installed by Dr. Philip Rovner, of the Department, with funds made available through

the President's office, the laboratory was utilized in a language Teachers' Training Course during the past summer. The laboratory can be used simultaneously by thirty-four students, to whom five different languages may be sent at one time for practice purposes.

Members of the language staffs have prepared tapes for student use.

HISTORICAL BIBLIOGRAPHY

Professor C. C. Chen has assisted the American Historical Association in the preparation of its new *Guide to Historical Literature*. Its editor, William Columbus Davis, has expressed appreciation for his thorough, accurate, and valuable checking of the material in the Chinese and Japanese languages which will appear in the *Guide*.

EXPANSION IN CHINESE CLASSES

Professor Chen reports a marked increase in enrollment for courses in Chinese language and civilization.

NEW APPOINTMENT

Jean V. Alter has been appointed to the French staff. He has a Licence in Romance Philology from the University of

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Brussels, a Doctorate from the Sorbonne, and another from the University of Chicago where he was holder of a Fulbright-Smith-Mundt grant. His latest publication appeared in the September 1959 issue of the *C L A Journal*, "Treatment of Time in the French 'New Novel'." He has been active in the Prince Georges County FLES Program (Foreign Language in the Elementary School).

MONTGOMERY COUNTY APPOINTMENT

Montgomery County has taken from the Department of Foreign Languages, Dr. Philippe Arsenault and made him Secondary Supervisor in charge of language teachers in its secondary schools. Dr. Arsenault last summer taught a training course for state language teachers at the University of Maryland, where he had for some years been active in directing the Department's laboratory work in French.

DR. LEJINS APPOINTED SPECIAL CONSULTANT

Dr. Peter P. Lejins, Professor of Sociology, has been appointed special consultant by the National Probation and Parole Association.

As consultant, Dr. Lejins will prepare a survey and analysis of the Association's literature and research with regard to the impact of motion pictures and television on young people, particularly "horror films" and crime and violence depictions as they may have delinquency-inducing effects. The overall project has been made possible by a grant from the Ford Foundation.

Dr. Lejin's study will serve as the basis for a conference of psychiatrists, psychologists, educators, juvenile court judges, law enforcement officers, directors of youth agencies and probation officers, to be held some time in early 1960, with the hope that some authoritative conclusions may be reached.

NEW FACULTY MEMBERS

Three lecturers have joined the overseas academic division in the Speech Department this year while on leave of absence from their regular teaching assignments. Dr. John Robson is teaching

(Continued on next page)

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and traveling the European circuit while on leave from Kansas State College. Professor Robert Rutherford is the resident lecturer at the Munich Junior College Branch in Germany while on leave of absence from State University Teacher's College, Geneseo, New York. Dr. Charles Parkhurst, Brooklyn College, is teaching speech on the European circuit.

ZUCKER HONORED

Dr. Adolf E. Zucker, Professor and Head of the University's Department of Foreign Languages, has been honored "for distinction in the field of Germanies" by the Federal Republic of Germany. He was cited by President Theodore Heuss and received "The Order of the First Class."

The award presentation was made by German Cultural Attaché Bruno Werner on behalf of President Heuss in a ceremony held at the German Embassy.

Dr. Zucker was appointed to the faculty in 1923. He holds degrees from the University of Illinois and the University of Pennsylvania. The author of numerous publications including *Amerika and Deutschland*, he visited Germany in 1947 and lectured at six German universities.

DR. JOHNSON TO TEACH AT MIAMI

Dr. Robert D. Johnson, '50, has joined the faculty in the Department of English, Miami University, Oxford, Ohio. Dr. Johnson earned both his master's and Ph.D. degrees at the University of Missouri. He has been serving as instructor of English and journalism and Director of Student Publications and Public Relations at Washburn University, Topeka, Kansas.

RECEIVE ADVANCED DEGREES

The following alumni have recently received advanced degrees: Robert E. Edkin, '53, Doctor of Medicine from Howard University; William A. Neal, '56, LL.B., William K. Young, '56, M.S., Robert B. Montgomery, '55, M.D., Henry C. Cooper, '56, M.A., Paul G. Stafford, '56, LL.B., all from the George Washington University.

HISTORIANS AND HISTORICAL SOCIETIES

Members of the Department of History assumed a leading role in the affairs of local, regional and national historical societies during the winter. Regional and national associations tend to be primarily professional organizations, and the papers offered are highly specialized.

The local societies, however, are composed almost entirely of laymen, and the papers are designed to offer entertainment, intellectual stimulation, and awareness of the meaning of history.

Professor Aubrey C. Land, Head of the Department of History, recently spoke to the Maryland Society of Colonial Wars on the bench and bar in early Maryland. Professor Land also presided at the Annual Meeting of the County Historical Societies of Maryland, in Baltimore, and at a session of the Southern Historical Association, in Atlanta. Professor David Sparks spoke on the Civil War at the County Societies meeting, and also at the Annual Encampment of the Civil War Roundtable, in Hagerstown. Professor Pat Riddleberger spoke on certain aspects of the Negro during Reconstruction at the Southern Historical Association meeting, and Professor Donald Gordon delivered a paper on Australian history at the American Historical Association meeting in Chicago.

Taking history to a still more general audience, Professor Verne E. Chataigne recently addressed several service-fraternal organizations over the State, and Professor Paul Conkin spoke over Washington radio station WRC on the publication of his recent book, *Tomorrow a New World*.

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Robert W. Beall, '31, who represents the Montgomery County Club on the Alumni Council, served as Chairman of the Montgomery County Tuberculosis and Heart Association Christmas seal campaign. 80,000 letters requesting donations were sent to county residents.

Albert J. Benjamin, '33, has been appointed Technical Service Representative for Monsanto Chemical Company's Plastics Division at Springfield, Massachusetts.

Alfred J. Northam, '22, has recently retired from the Du Pont Company after a career of 36 years in the rubber industry. Mr. Northam has had a major share in bringing Du Pont's "Hypalon" synthetic rubber to its present stage of commercial development.

Edward C. Mehm, '54, has been appointed District manager for Raytheon Company's Distributor Products Division in Waltham, Massachusetts.



Mr. Grier

Charles P. Grier, '54, has been appointed to head the Quality Control Laboratory in the Dr. Pepper Company's headquarters in Dallas, Texas.

Michael P. Zell, '59, was recently graduated from the Officer Candidate Course at the Marine Corps Schools, Quantico, Virginia.

A. Robert Hamilton, '50, and George M. Preston, '50, have recently assumed new duties with the Boy Scouts of America. Mr. Hamilton is the Director of Special Gifts, Greater New York Councils, B.S.A.; Mr. Preston is District Scout Executive, Baltimore Area Council.

(Continued on next page)

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Mr. Saylor

James H. Saylor, '57, recently attend-
ed a two-week company training session
in Clifton, New Jersey. Mr. Saylor is a
professional service representative of
Pfizer Laboratories.

CHAPEL CHOIR TO PERFORM IN
PUERTO RICO

The University Chapel Choir, Fague
Springmann, Conductor, performed in
Florida during the semester break. In
June the Choir will sing four major
choral works at the Casals Festival in
Puerto Rico. They will be conducted by
Pablo Casals, Alexander Schneider and
Hugh Ross in performances of the
Brahms *German Requiem* and *Alto
Rhapsody*, the Haydn *Seven Last Words*
and the Beethoven *Choral Fantasy*. Mr.
Springmann will be soloist in the
Requiem.

The University Madrigal Singers, con-
ducted by Rose Marie Grentzer, were
very active during the month of Decem-
ber, making several appearances on tele-
vision in Baltimore and singing on
Campus.

During the same period the Women's
Chorus and Men's Glee Club, under the
direction of Paul Traver, sang in Balti-
more at the University Hospital and at
the new State Office Building for the
first annual tree lighting ceremony held
for the Department by Governor Tawes.
Later in this semester the groups will
tour the state, presenting programs at
several high schools.

The University Band, directed by
Hubert Henderson, made its annual tour
through the state, appearing at Elkton,
Bel Air, Havre de Grace, and Aberdeen,
among other cities.

Homer Ulrich, Head of the Music
Department, has contracted with Har-

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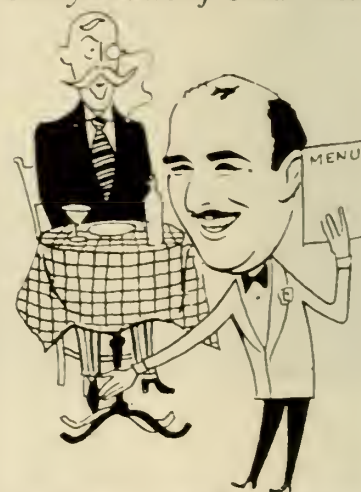
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court-Brace to write a college text in music. This will be Mr. Ulrich's sixth book in the field.

Herbert Henke and Paul Traver, both members of the music faculty, are presenting classes in Dundalk and Annapolis through the University's extension program.

Hubert Henderson, Director of University Bands, will appear as conductor or adjudicator at several functions during the semester. He will direct the Yale Band at a band directors convention, will conduct a band clinic in Harford County; will be a judge at the Virginia District Band Festival in Norfolk and the All-County Band at Frederick, Md.

DEPARTMENT OF ART NEWS

Beginning January 28th, the Bader Gallery in Washington, D. C., featured a one-man exhibition of gouaches, drawings and oils by Herman Maril. This exhibit contained new works, with the exception of a casein painting, "Inlet," which was awarded a prize last February at the Riverside Museum in New York City.

Professor Maril's work has been exhibited in most of the museums throughout the country, and he is represented in many permanent collections, both here and abroad. He has had over twenty-five one-man shows, the latest being last March, in New York City.

Among the permanent collections in which he is represented are: The Phillips Gallery, Baltimore Museum of Art, Encyclopedia Britannica collection, Corcoran Gallery, Metropolitan Museum of Art, Peale Museum, Amherst College, American University, Bezalel Museum in Jerusalem, Howard University, University of Minnesota, Delaware Fine Arts Center, and the Bernstein Memorial collection.

"Low Tide," a painting by Herman Maril, was purchased recently by the Corcoran Gallery of Art, Washington, D. C. Mr. Maril served on the jury of selection and awards for the Irene Leache Memorial Exhibition of the works of Virginia and North Carolina painters. The Exhibition was held at the Norfolk Museum, Virginia, in January.

The distinguished American water colorist, Eliot O'Hara, gave a painting demonstration and lecture at the Student Union Auditorium on November 25, 1959. The program, which included recent films made by Mr. O'Hara, was under the sponsorship of the Department of Art.

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COL. DRAPER SERVES AS PRIVATE PILOT TO THE PRESIDENT

William G. Draper, '43, is what the *Evening Star* recently called a "headline personality."

Col. Draper's most recent claim to fame, according to the *Star*, is his service as pilot to President Eisenhower on the President's recent good will trip to 11 nations.

Serving as the President's pilot is, however, not new to Draper, who has been personal pilot and Air Force aide to Mr. Eisenhower since 1953.

His interest in flying began in his childhood and continued through his teens when, at 16, he and a friend organized the Silver Spring Aeronauts' Club. As a freshman at the University of Maryland, he became the only member of his class to qualify for Civil Aeronautics Administration training. As a sophomore he learned acrobatic flying. He served as a pilot in World War II, qualifying in several military planes.

Col. Draper and his wife, Ruth, live with their four children in Silver Spring.

SUGRUE ELECTED TO BOARD

Bernard A. Sugrue, '34, has been elected a member of the Board of Directors of the Automobile Trade Association of Maryland. Mr. Sugrue, who is President of the Norman Motor Company in College Park, will represent both Prince Georges and Montgomery Counties' new dealer members in associational matters.

WHEREABOUTS

Edward G. Knight, '58, has been appointed an Assistant Cashier of the Dania Bank, Dania, Florida.

Edward Heymann, '57, has been appointed an Assistant Account Executive of the VanSant, Dugdale & Company, Inc., Baltimore. Mr. Heymann was formerly with the Caterpillar Tractor Company in Peoria, Illinois, and the Alban Tractor Company in Baltimore.

Pvt. Larry R. Laekey, '59, recently completed the final phase of six months active military training under the Reserve Forces Act program at Fort Bliss, Texas.

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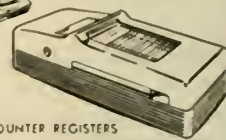


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Pvt. Peter R. Owings, '59, recently completed training in the duties of a Nike-Ajax guided missile crewman under the Reserve Forces Act program at the Air Defense Center, Fort Bliss, Texas.

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THE HEATWOLE AWARD

The University of Maryland Class of 1923 has made possible, by voluntary contributions from its members, an annual student award in memory of Dr. Timothy O. Heatwole, Class of 1895, who passed away on April 28, 1949. Funds accumulated to date have been deposited in a restricted account of the Endowment Fund of the Alumni Association and further deposits in the Heatwole Memorial Fund will be made when additional contributions are received from the 1923 graduates.

In June, 1960, a University of Maryland chair will be awarded a member of the graduating class. The dedication, which will be read at the time the award is made, is as follows:

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DR. CHAN PONG

The Alumni Association takes this opportunity to congratulate Dr. Bertrand O. Chang Pong, 1939, on the recent completion of St. Elizabeth Clinic in

(Continued on next page)

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the Port-of-Spain, Trinidad. This modern, three-story, eighteen-room hospital, which accommodates 26 patients, is the result of the planning and sponsoring of a group of four medical and two dental specialists, including Dr. Chang Pong whose life's ambition, it is reported by a Trinidad newspaper, is realized by the activation of an ultra-modern, fully-staffed hospital in the British West Indies.

This loyal alumnus was graduated Magna Cum Laude, was admitted to membership in Omicron Kappa Upsilon fraternity, and was the recipient of the Harry E. Kelsey Award for professional demeanor.

With his charming wife, Anne, a sister of the newly appointed first native Governor of Trinidad and Tobago, Mr. Solomon Hochoy, Dr. Chan Pong attended last June, the reunion of the 1939 class.

Our heartiest wishes for happiness and success go across the miles to Bertrand, his wife and family.

RHODE ISLAND ALUMNI SECTION MEETS

The Rhode Island Alumni Section held its annual meeting on Monday, January 18th, at the Biltmore Hotel in Providence, Rhode Island, in conjunction with the Rhode Island State Dental Convention. It was a most successful meeting with forty-six graduates in attendance.

There was a cocktail party, banquet and business meeting. It was unfortunate that the evening was marred by bad weather which forced many graduates to cancel their reservations because of hazardous driving conditions. Some of the newer members were in attendance which is a good sign for the future of the organization.

The social committee under the able leadership of Albert C. Picozze, '49, turned in a first rate job in preparation for the meeting. Many other loyal and devoted alumni such as Edgar L. Besette, '32, William D'Abbraeio, '47, Ferdinand Asheidla, '47, and Charles Heaton, '34, should be congratulated for the part they played in organizing the meeting. As usual, under the able leadership of Edward Morin, '20, and William Decesare, '36, the section seemed to be moving forward.

Dr. Morin presented the new banner of the section which he had designed for this occasion. It was very similar to the official banner of the parent organization.

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The President introduced many past-presidents of the Rhode Island State Dental Association who are alumni of the school. Among the introductions, he presented the new President of the Rhode Island State Dental Association, Dr. William F. Decesare, who serves the section as its secretary. He read a telegram from the oldest living graduate of our school, Dr. E. A. Charbonnel, who was unable to be present because of illness. Another old graduate who honored the section with his presence was Dr. Henry A. Martin, '05, of Newport, Rhode Island. A special guest, Dr. James E. Colgan, President of the Dental Alumni of Tufts Dental College, was introduced to the group.

The highlight of the evening was the presentation of the Distinguished Alumni Award of the Rhode Island Section to Dr. Joseph P. Cappuccio, '46. A number of congratulatory telegrams were read.

The final order of business was the election of officers for 1960—Edward C. Morin, '20, President; Eric Waxberg, '19, 1st Vice-President; Edward A. Lynaugh, '15, 2nd Vice-President; William F. Decesare, '36, Secretary; Charles E. Heaton, '34, Treasurer; Eugene M. Nelson, '45, Historian; A. James Kershaw, '32, Editor.

The officers and council of the Alumni Association congratulate the section for its successful year and wish them continued success in the future.

IRVING W. EICHENBAUM

The Alumni Association is proud to bring to your attention the fact that Dr. Irving W. Eichenbaum, '39, is currently serving as President of the Connecticut State Dental Association. Our best wishes to Irving and his good wife, Naomi, who is also an honored graduate of the oldest dental school in the world.

RECOGNITION FOR NORMAN
L. NIENTENTOHL

A "thank you gathering" was held at the Children's Hospital to honor Dr. Norman L. Niedentohl, '13, who has given free dental care to the patients there for more than 32 years. The Alumni Association also wishes to express its appreciation to Dr. Niedentohl.

(Continued on page 37)

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Spring means: A good deed for the day by visiting a "shut in."

On a countryside drive we dined at Olney Inn, one of Maryland's distinctive country dining places. Located in one of the most beautiful areas of Montgomery County, Olney Inn is perched high atop a hill which commands a breathtaking view of the Maryland countryside.

The original Olney Inn had a modest beginning in 1926—three tables in one small dining room. Before that it was an old farm home, built over 125 years ago, where every hand-hewn timber was a whole tree cut from the beautiful grove that still shelters the wide lawn.

The Inn today is many times its original size, brimming with modern conveniences, yet it still retains the elegant charm of a Maryland plantation. Olney Inn is under the personal supervision of its owner, Gertrude Allison Brewster, who is a charming hostess. She welcomes large and small groups for luncheon, cocktails or dinner and her guests travel for miles to partake of

For Maryland

her hospitality.

Clubs find the Inn an ideal place for meetings. In spring and summer informal gatherings on the patio or on the spacious lawn allow time for a friendly chat over a glass of punch or a cocktail. In fall and winter there is the warmth of meeting friends in the atmosphere of pleasant rooms, each with a glowing fire in the fireplace.

Olney Inn is famous for its fine foods and has its finger on the nation's palate—a long time favorite with Republicans and Democrats alike of the Capital city, who forget their differences while dining at Olney Inn.

Drive out Route 97 one day soon and enjoy Olney Inn's hospitality—you'll be glad that you did.

* * *

Our good deed for the day was a trip to Shaffer's Convalescent Retreat in Ellicott City, Maryland, to visit a "shut in" and to chat with some of the bedridden patients who love having company.

The Shaffer Convalescent Retreat is a beautiful colonial mansion in the center of a knoll overlooking ten acres of lawn. There are towering shade trees and landscaped gardens, which symbolizes peace and tranquility.

We chatted with the staff, which is composed of experienced registered and trained nurses, carefully selected for their kind and sympathetic manner toward the patients who come under their care.

Mr. Martin W. Shaffer is the owner and manager of the Retreat and he escorted us on a tour of the building, which is a stucco on granite fireproof structure. The spacious oak-paneled recreation room, extending beyond the reception hall, was occupied by a group of patients enjoying a television program. They were seated in large comfortable chairs in a homey atmosphere which suggested contentment.

The stairway leading to the upper floors is extra wide, providing ample passage room. On the second floor there were porches for the patients, with large armchairs for their comfort. Many of the rooms have adjoining bath and all have running water. There are private and semi-private rooms as well as large, well-equipped wards.

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Women

The meals are all served in the patients' rooms and Mrs. Martin Shaffer personally supervises the kitchen and the food. All diets are carefully adhered to and the food is prepared in an immaculately clean, bright stainless steel kitchen, which includes its own ice-making machine.

The Retreat is off Route 29 on Montgomery Road and is easily accessible to patients of the greater Baltimore and Washington areas.

* * *

We called on World-Wide Travel Service Corporation and talked to the president of the firm, Mr. Kenneth H. Carter, who was busily completing arrangements for a tour to the Far East, geared to the Osaka Trade Fair. This particular tour should be a fabulous experience for those fortunate enough to be included. The Far East Trade Promotion Tour will start on April 8th and extend through May 8th, 1960—and this year there will be a bonus attraction as in Osaka at the time of the tour the third annual Osaka International Music Festival will be held.

The tour party will convene in Seattle, Washington, at the Hotel Olympic. Before departure there will be a get-together where the members of the tour will meet and become acquainted.

They will board a Japan Airlines flight just before midnight, arriving in Tokyo before noon the following morning. The day is free for sightseeing and the following morning a flight is scheduled for Osaka, where the tour will visit for five days. Guests will be entertained by the City officials and the Osaka Fair Board. Osaka is Japan's second largest city and it is a thriving industrial center where busy streets interlace with many canals, emptying into the Bay of Osaka.

A stop is scheduled in Tokyo on the way to Nikko, where the Tour will enjoy two days of sightseeing. Here they will see the tradition of Japanese harmony between nature and art at its height in vast Nikko National Park. There will be a trip to Toshgu Shrine, one of the greatest examples of Japanese architecture—and a trip to Mt. Nantai and the famous Kigon Falls, Japan's most famous cataract.

Enroute to Hong Kong the Tour will again enter Tokyo for a three-day exciting stay. Among the sights will be a visit to the Imperial Palace Ginza, "The Fifth Avenue of Tokyo"—Nehonbashi Bridge, Marunouchi, The Meiju Shrine, The Museums, Tokyo University and the zoo.

In Hong Kong the busy harbor will be visited as well as the beautiful bays and magnificent swimming beaches, and Victoria Peak, towering over this island city. There will be three packed-full days in Hong Kong and on April 26th the party will arrive in Macao, which is a Portuguese Colony 40 miles from Hong Kong by sea. This was the first East-West trading post with China.

(Continued on next page)

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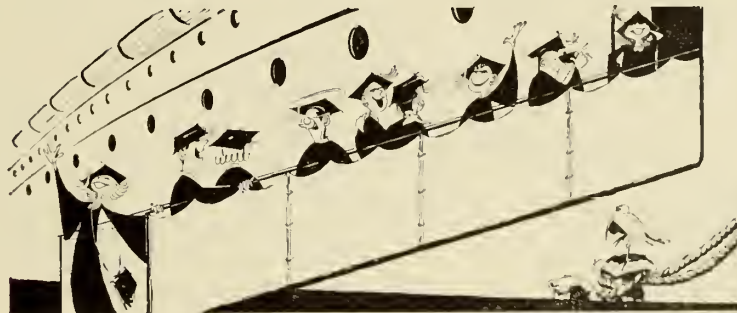
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For Maryland Women

Then, on to Manila for four days' visit. The Tour will be lodged at the famous Manila Hotel. Honolulu will be the final stop, where the party will have three days to bask in the sun at Waikiki Beach before leaving for Los Angeles, arriving Sunday, May 8th.

What a wonderful experience—and World-Wide Travel has many, many more exciting tours to choose from . . . call them for information—they'll be happy to help you.

* * *

No more problems when Mom and Dad want to leave on a trip these days. They can call the Elizabeth Cooney Personnel Service and Miss Cooney will arrange to have an experienced person well-trained in handling children to take over for a day - a week - a month - or even longer - and no need to fret or worry.

A most unusual personality working in a most unusual capacity is a Missouri-born Baltimorean by the name of Elizabeth Miller Cooney, whose affectionate ties with her birthplace, Jefferson City, have been supplanted by intimate connections with the Monument City.

Self-employed Elizabeth Cooney, a graduate of Notre Dame of Maryland, is a vivacious brunette whose startling success in business can be attributed to a vibrant charm which quickly endears her to those with whom she comes in contact. Overwhelming initiative and a deep belief in the operation which she heads has resulted in success in only two short years.

The firm's objectives are to furnish

companions, practical nurses and supervisors along with the baby sitters.

Numerous calls are received for supervisory personnel to take over the running of a home and the care of the children when the owners are away on business or vacation. This may entail daily duty or indefinite duty, depending upon the client's need. Many steady clients of Elizabeth Cooney are thus able to enjoy shows in New York City or the sands of Nassau with no worry about the situation at home, which is in the competent hands of the supervisor. In this manner, the routine of the home is followed as closely as possible with little disruption to schedule in the owner's absence.

Under its present organization, the Agency provides practical nurses and nurses aid care in the hospital and, if the need is such that help is required when a young mother brings a new baby home from the hospital, a maternity practical nurse responds to the call. Companions are available for the ailing, the elderly and the alone, filling in on nights when families find it impossible to be present.

Despite the constant ring of the telephone, Elizabeth Cooney finds time to relax with her young daughter, Eileen, a senior in high school. Both are avid sports enthusiasts and share a mutual love of swimming, sailing, badminton and riding. Elizabeth Cooney is a staunch supporter of the Baltimore Symphony and the Baltimore Art Museum and participates actively in civic affairs, the most recent of which were the Polio and Cancer drives.

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School of DENTISTRY

(Continued from page 33)

ELECTED

At a recent meeting of the Maryland Section of the American College of Dentists, Dr. Max K. Baklor, '16, was elected chairman and Dr. Irving Abramson, '32, secretary-treasurer. Governor Millard Tawes spoke of future plans for the University of Maryland.

SYLVAN SHANE LECTURES

On January 19, 1960, Dr. Sylvan Shane, '43, chief of anesthesiology at Doctor's Hospital, Baltimore, lectured to the Sisterhood of the Woodmoor Hebrew Congregation on the topic, "An Inside Look at Soviet Russia."

College of EDUCATION

Joan Bookout

DOROTHY ZELLER HEADS AF NURSE CORPS

Lt. Colonel Dorothy N. Zeller, who received a Bachelor of Science degree in Nursing Education in 1952, has been named Chief of the United States Air Force Nurse Corps.

A 1935 graduate of the Philadelphia General Hospital School of Nursing, Lt. Colonel Zeller has been on continuous active duty for 23 years. Her first assignment was to Walter Reed Army General Hospital in Washington, D. C.

In 1952, Lt. Colonel Zeller was assigned to the Office of the Surgeon General, Hq USAF, as Air Force Nurse Corps procurement officer and one year later was named Deputy Chief of the Air Force Nurse Corps.

In 1956 Lt. Colonel Zeller was assigned as Chief Nurse at the USAF Hospital, Parks Air Force Base, California, and the following year she became Chief Nurse of the Alaskan Air Command. In January, 1959, she was again named Deputy Chief of the Air Force Nurse Corps.

She is a member of the American Nurses Association, the National League

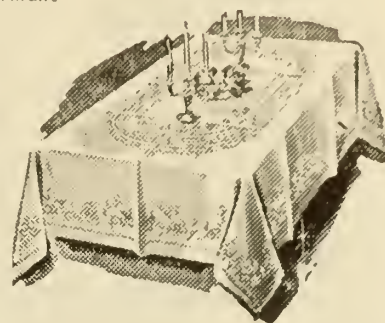
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of Nursing, the Graduate Nurses Association of D. C., and the Alumni Association of Philadelphia General Hospital.

SERVICE NEWS

Preston H. Phenix, '59, was recently graduated from the 25th Officer Candidate Course at the Marine Corps Schools, Quantico, Virginia.

INDUSTRIAL EDUCATION HOLDS OPEN HOUSE

The Annual Open House of the Industrial Education Department was held March 19, 1960. This year's event featured the new wind tunnel, the television projects as well as a wide range of student activities and products.

Robert Buxton has recently completed all requirements for the Doctor of Education degree with a major in Industrial Education. Mr. Buxton is Professor of Industrial Education at the East Tennessee State College at Johnson City, Tennessee.

Dr. Donald Maley, Professor and Head of the Industrial Education Department, is serving as a consultant to the faculty of the Maryland State College, Division of the University of Maryland, at Princess Anne. A series of workshops are being held dealing with the effective use of instructional aids.

Paul Manchak, Graduate Assistant in Industrial Education, was recently awarded the Iota Lambda Sigma Grand Chapter Scholarship. Mr. Manchak is the first person to receive this award. The scholarship was granted Mr. Manchak for his outstanding paper, "Automation and Its Implications for Industrial Education."

College of ENGINEERING

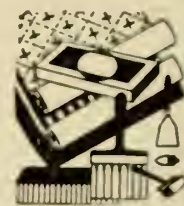
R. M. Rivello

BACKHAUS APPOINTED

Mr. Al Backhaus, C.E. '38, was recently appointed Director of the Department of Public Improvement of the State of Maryland. Mr. Backhaus, who was formerly Deputy Director of Public Works for the City of Baltimore, is also Presi-

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dent of the Baltimore Chapter of the Maryland Society of Professional Engineers. Another Maryland graduate, Mr. Arthur Van Reuth, C.E. '34, is Secretary of the Baltimore Chapter.

DINGMAN ELECTED V.P. OF A. T. AND T.

Mr. James E. Dingman, E.E. '21, has been elected Vice President of the American Telephone and Telegraph Co., and appointed Chief Engineer of the company, effective December 1st. Mr. Dingman has been Director of Operations of A. T. and T.'s Long Lines Department for the last three years. He began his career with the Bell System in Baltimore as an equipment installer for the Western Electric Co. following graduation. Two years later he joined A. T. and T.'s Long Lines Department as an equipment attendant. By 1937 he was division plant superintendent. He has served as Vice President of the Bell Telephone Co. of Pennsylvania and as Vice President and General Manager of the Bell Telephone Laboratories.

DR. LUDFORD AND DR. REED OF FACULTY HONORED

Two members of the College of Engineering Faculty have been honored for their outstanding contributions to engineering. Dr. Geoffrey Ludford, Professor of Aeronautical Engineering, received one of the five 1960 Awards for Scientific Achievement given by the Washington Academy of Sciences. He was presented with the award at a dinner on January 21st and was cited "For important contributions to fluid flow involving viscous, compressible, and hydromagnetic effects." Another member of the Aeronautical Engineering Department, Dr. S. F. Shen, received a similar award in 1959 for contributions to the field of theoretical aerodynamics.

Dr. Henry R. Reed, Professor of Electrical Engineering, has been named a Fellow in the Institute of Radio Engineers. Dr. Reed, who was honored for his contributions to engineering education, is one of sixteen radio engineers and scientists who recently attained the grade of fellow, the highest level of membership bestowed by the IRE. He is the author or co-author of seven textbooks in electrical engineering and numerous publications in engineering journals. The Fellow award was effective

(Continued on next page)

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tive January 1st and the recipients of the award, who represent the United States and six other countries, will be honored in March at the annual banquet of the IRE in New York.

DR. SHEN SPEAKS AT IAS

Dr. S. F. Shen, Professor of Aeronautical Engineering, presented a paper at the Annual Meeting of the Institute of the Aeronautical Sciences in New York City. The subject of his paper was "Some Considerations of the Laminar Stability of Incompressible Time-dependent Basic Flows." Dr. Shen serves as a consultant to the U. S. Naval Ordnance Laboratory.

WHEREABOUTS

George W. Scott, M.E. '52, has been appointed staff engineer in Advanced Development at the Owego facility of IBM's Federal Systems Division.



Mr. Scott

Mr. J. A. Bruce Piney, E.E. '51, is now Assistant Chief Engineer of the Alan Wood Steel Company of Conshohocken, Pa.

Dr. Raymond R. Bouche, M.S. '54 and Ph.D. in '59 in Mechanical Engineering, has been appointed manager, Standards and Analysis Department, Endevco Corp. Dr. Bouche, an authority on the calibration of vibration instrumentation, will be responsible for transducer and electronics test procedures, maintaining electrical-mechanical standards and design of special test equip-

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FOREST HILL, MD.

ment. Prior to taking his new post he was with the National Bureau of Standards, Washington, D. C., for nine years, working in the field of shock and vibration measurement and is recognized for his wide range of technical papers published in the past several years.

Captain Gladstone S. Lewis, Jr., USAF, has been assigned as Project Officer in the Re-Entry Vehicle Development Directorate of Air Force Ballistic Missile Division. Captain Lewis also holds a master's degree from the University of Michigan. The Air Force Ballistic Missile Division manages and directs the research and development of the Air Force's Titan, Atlas, Thor and Minuteman weapon systems, a project of highest national priority.

FIRMIN HEADS BAPTIST GROUP

John M. Firmin, '36, was elected President of the District of Columbia Baptist Convention at the 83rd annual session November 17.

Mr. Firmin, who is a member of Bethany Baptist Church in the District, succeeds the Reverend S. Lewis Morgan, Jr., pastor of Pentworth-Montgomery Hills Baptist Church.

Mr. Firmin is a construction engineer by profession.

School of

LAW

Dr. G. Kenneth Reiblich

HEGARTY TO HEAD NEW SECTION

Another Law School graduate has assumed a post within the legal structure of Baltimore City.

He is William A. Hegarty, '53, and he has been appointed Chief Assistant City Solicitor. In this capacity he will head the new trial section of the City's Law Department.

A member of the law firm of O'Doherty, Gallagher and Hegarty, Mr. Hegarty now takes on the additional responsibility of supervising all trial work by various attorneys in the Law Department. He plans to conduct a training program in trial work for members of the Department with an eye to discontinuing the hiring of private law firms to handle some condemnation cases.

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School of MEDICINE

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ALUMNI NOTES

Dr. Abraham S. Rothberg, '26, was recently appointed attending orthopedic surgeon at the Home and Hospital of the Daughters of Israel in New York City.

Dr. Ralph R. Palumbo, '58, recently completed 24 weeks of intensive post graduate training at the Naval School of Aviation Medicine in Pensacola, Florida. Before receiving his Flight Surgeon Wings, Dr. Palumbo took familiarization flight training in single and multi-engine aircraft and helicopters. He has received orders to Carrier Air Group Seven at the Oceana Naval Air Station, Virginia Beach, Virginia.

APPOINTMENTS IN THE SCHOOL OF MEDICINE

Recently, the Board of Regents announced the appointment of Dr. Walter R. Hepner of the University of Missouri, who will serve as Professor of Pediatrics, and Dr. Lorin J. Mullins of Purdue University as Visiting Professor of Biophysics in Pediatric Research.

FACULTY MEMBERS PROMOTED

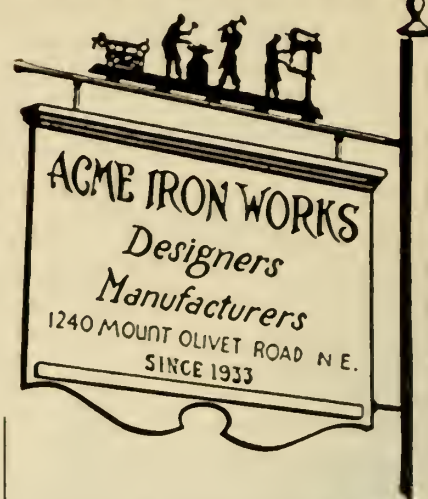
Dr. Vernon M. Smith was promoted to Professor of Clinical Medicine; Dr. James R. Karns was named Associate Professor of Medicine, and Dr. Edmund S. Rowe was promoted to Research Associate Professor of Medical Psychology.

GRANTS BOOST RESEARCH AT THE SCHOOL OF MEDICINE

The Department of Pediatrics has received two U. S. Public Health Service grants for research in hereditary diseases.

Drs. Samuel P. Bessman and Thomas A. Good, with the aid of an \$18,170 grant, will conduct a study of mucous substances that contribute to the viscosity of saliva in hereditary fibrocystic diseases. It is theorized that these sub-

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stances, which are probably insoluble mucoproteins, may act to plug the respiratory tree, salivary glands, and pancreas and so damage them that they become susceptible to recurrent infection.

Dr. Bessman will work with Dr. Raymond L. Clemmens, on a grant of \$9,258 which will provide for measurement of various amino acids in the urine and plasma of children suffering from congenital mental retardation and other neurological defects of unknown origin.

A third grant of the USPHS has been awarded to the University Hospital for preliminary studies in the field of hospital automation. Edward H. Noroian, Director of the Hospital's Department of Administrative Research and Development, will be principal investigator of the project. He stated its objective as an attempt to establish 1) existing automation techniques that could be applied to hospitals; 2) other hospital procedures to which automation could be applied; 3) means of enlisting support of industry and science for development of automated clinics in hospitals; and 4) cost estimates for the proposed automation. The grant is in the amount of \$1,984.

A grant of \$14,861 from the U. S. Office of Vocational Rehabilitation will enable Dr. Paul F. Richardson to employ a psychiatrist and other staff members to aid in the teaching of physical medicine and rehabilitation to medical students, physical therapy students, and house officers. Dr. Richardson is Head of the Division of Physical Medicine at the School of Medicine.

X-RAY GRADUATES HONORED

Nine graduates of the School of X-Ray Technology of the School of Medicine were honored at a dinner in the special dining room of University Hospital December 17. They were awarded diplomas and pins by Dr. John M. Dennis, Professor of Radiology and Head of the Department.

Lad F. Grapski, Director of University Hospital, spoke on "The Growth and Development of the Baltimore Campus with Special Emphasis on the Medical School-Hospital Complex."

Those successfully completing the 18-month course were: Carolee Carey, Towson; Patricia Hartman, Towson;

(Continued on next page)



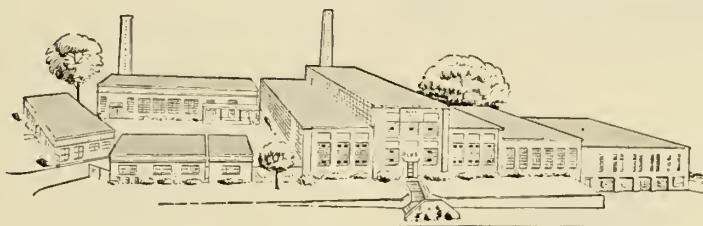
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Sally Ludwig, Dundalk; Kathleen Marshall, Dundalk; David Murray, Seaford, Delaware; Glenda Parks, Rockdale, Maryland; Dorothy Snyder, Hagerstown; Susan Smith, Catonsville; Caroline Strong, Baltimore.

Most of the graduates have already accepted positions in the Baltimore area.

School of NURSING

Lillie M. Largey

NAPNES

Miss Lee Franklin, '54, attended and participated in a Regional Workshop sponsored by the National Association for Practical Nurse Education and Service (NAPNES) in Wilmington, Delaware, recently.

The workshop placed emphasis on the new role of the practical nurse today — recruitment, job satisfaction, membership in organizations and education.

Miss Franklin's speech was titled "The Clinical Period" and was concerned with the period of time student practical nurses spend in the actual hospital area and how head nurses and other nursing service personnel help make this a valuable learning experience.

SEVENTIETH ANNIVERSARY CELEBRATION

The Seventieth Anniversary of the University of Maryland School of Nursing was honored with a program sponsored by the faculty of the School and by the Nurses' Alumnae Association. It was held in Whitehurst Hall on December 9, 10, 11, 1959.

Mrs. Norma Long, President of the Alumnae Association, gave the introductory speech and some very stimulating topics were discussed. They were as follows: 1) Newer Trends of Nursing Education—Dean Florence M. Gipe and panel; 2) Cardiac Nursing—Patricia Kenealy and panel, Supervisor of the Cardiac Team at University Hospital; 3) Recovery Room Nursing—Alice Ahmuty, Supervisor of Recovery Room at University Hospital; 4) Psychiatric Nursing—Nancy Anderson; 5) Neuro-Surgical Nursing—Rita Malek and



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panel, Supervisor of Neuro-Surgical Nursing at University Hospital; Rehabilitative Nursing—Cecelia Zitkus.

The Pi Chapter of Sigma Theta Tau, the National Nursing Honorary Society that was installed at the University of Maryland last June, participated in the celebration of the 70th Anniversary of the School of Nursing by sponsoring a tea for the freshman nursing students at College Park. The tea was held on Saturday, December 11, 1959, in the recreation room of Whitehurst Hall. The students chatted with the members of Sigma Theta Tau while enjoying the plentiful refreshments, which were complete with a cake decorated in purple and fuchsia, the colors of the organization.

The Society also constructed an exhibit that was displayed the entire week. This was designed to emphasize the motto of Sigma Theta Tau—Love, Honor, and Courage. Included in the exhibit were the key and the newly framed charter. The table was also adorned with the beautiful flower of the organization, the orchid. It is hoped that some students might have been inspired by these activities and might become future candidates for membership in Sigma Theta Tau.

INSTITUTE ON PROBLEMS ON TUBERCULOSIS

Miss Shirley Harp, graduate student in Medical-Surgical Nursing from University of Maryland, and Miss Virginia C. Conley, Assistant Professor at the School of Nursing, attended an Institute on Problems on Tuberculosis Control held at Lake Junaluska, North Carolina.

The institute was set up to teach the latest trends in tuberculosis control and ways of working together for the benefit of the patient.

MEDICO

It is of interest to the members of the alumnae to know that two of our members have shown a very worthwhile interest in MEDICO.

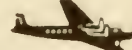
Shirley Wolfe, '56, spent a four-month tour of duty in Saigon last year assisting other members of MEDICO in setting up a chest surgery unit there.

Shirley Ward, '55, plans to leave in the spring for Haiti where she will be assisting in setting up a general surgery unit.

(Continued on next page)

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TWO WORKSHOPS BENEFIT STATE'S NURSES

Maryland nurses recently had an opportunity to work with nationally recognized specialists in nursing administration and teaching at two workshops held at the School of Nursing January 25-29 and February 1-5.

Head nurses, supervisors, and directors of nursing service were particularly interested in the first workshop, on "Nursing Service Administration." It was directed by Helen G. Graves, R.N., M.S., Director of Nursing Service at Emory University Hospital, Atlanta. Miss Graves was assisted by Miss Aurelia Willers, Director of Nursing Service at University Hospital, University of Maryland.

The second workshop, on "Clinical Teaching," was planned to meet the needs of those who serve in a dual capacity as head nurse and clinical instructor. It was directed by Florence M. Gipe, R.N., Ed.D., Dean and Professor of Nursing at the University of Maryland School of Nursing.

The workshops were arranged at the request of hospital administrators throughout the state who wish to improve their hospitals' nursing service standards and bedside teaching methodology.

School of

PHARMACY

Dr. Norman J. Doorenbos

DR. WHALEY TECHNICAL DIRECTOR

Dr. Wilson M. Whaley has joined Arthur D. Little, Inc., Cambridge, Massachusetts, industrial research consultants, as assistant technical director of their Midwest Division-Miner Laboratories. Formerly he was a section head at the Research Laboratories of General Foods Corporation and prior to that was assistant director of research at the Pabst Laboratories, Milwaukee.

FACULTY NOTES

Dr. Francis M. Miller, Associate Professor of Chemistry, has returned to the School of Pharmacy after having spent one year in Germany on sabbatical leave from the University.

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Dr. Norman J. Doorenbos, Associate Professor of Chemistry, along with his wife and five children, visited the parents of Mrs. Doorenbos in Hawaii for six weeks during the summer.

Dr. W. Arthur Purdum, Professor of Hospital Pharmacy since 1947, has been named Vice President in charge of Production and Development of Burroughs Brothers Manufacturing Company. He takes up his new duties immediately. Dr. Purdum is a graduate of the School of Pharmacy, receiving his Ph.D. in 1941. He has been Chief Pharmacist at The Johns Hopkins Hospital for fourteen years and has numerous publications.

Joseph Cohen, Ph.G. 1929, Executive Secretary of the Maryland Pharmaceutical Association and Baltimore Metropolitan Pharmaceutical Association, was re-elected to the Executive Committee of the National Conference of State Association Secretaries at a meeting in Cincinnati in August. He was also elected Vice President of the Metropolitan Drug Association Secretaries at a meeting in St. Louis in September. More recently, he was elected Chairman of the Drug Manufacturers Relations Committee at St. Louis, representing both State and Metropolitan Drug Association Secretaries.

Henry Seidman, Ph.G. 1929, received the Meritorious Award for 1959 of the Alpha Zeta Omega Pharmaceutical Fraternity at their national convention in Miami, Florida, this past summer.

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Juniors and donors: June Eng, Nox-zema Foundation; William J. Heinrich, Read's Drug Stores' Foundation; Harvey D. Reisenweber, Alumni Association, College Park.

(Continued on next page)

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The following students are recipients of legislative scholarships: William Michael Kenney, Ronald Maggitti, Daniel Shaner.

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MR. STOTTLER HEADS REGIONAL GROUP

Mr. Richard H. Stottler, Assistant Dean and Director of Institutes, University College, has been elected Chairman of the Middle Atlantic Region of the Association of University Evening Colleges. The appointment was made at the fall meeting of the group, held at the University of Delaware.

MR. VALOIS TAKES NEW POST AT MICHIGAN

Mr. John Valois, for two and one-half years assistant to Richard H. Stottler, Director of Institutes, resigned recently to join the staff of the University of Michigan. Mr. Valois will be supervisor of the correspondence study department of the Extension Service, under Dr. Everett Soop, Director of Extension.

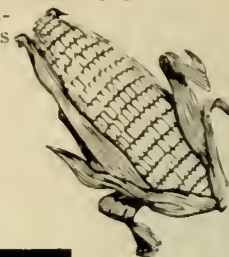
Mr. Valois came to the University of Maryland in 1957 from the National Council of Catholic Men where he had served as business manager and manager of the film department for two years.

Holding a master of arts degree in educational psychology from Catholic University, Mr. Valois expects to complete the doctorate in the same field next June.

WHERE THEY ARE NOW

Dr. and Mrs. Judson Pearson are back at the University of Colorado where he is a Professor in the Department of Sociology. Dr. Pearson taught last year in the European Division on a leave of absence from Colorado.

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Dr. Larry Lawson, formerly a lecturer in both the Atlantic and European Divisions, is now Head of the Department of Sociology at Mt. Union College, Alliance, Ohio.

Mr. C. Richard Orr, who is a five-year veteran of the European Division, is currently teaching speech in the Atlantic Division at Pepperrell Air Force Base, Newfoundland.

CONFERENCE CIRCUIT

Members of the University College administrative staff attended annual meetings of several professional associations this fall.

Attending the National Convention of the Land Grant College Association, held in St. Louis, Missouri, were the following: Dr. Wilson H. Elkins, University of Maryland President, University College Dean Ray Ehrensberger, and Associate Dean Stanley J. Drazek.

The national meeting of the Association of University Evening Colleges was held this year in Pittsburgh. Representing University College were: Dr. Ralph J. Klein, Assistant Dean for General Studies; Mr. Edward F. Cooper, Director of the Baltimore Division; Mr. John Valois, Assistant Director of Institutes; and Mr. James Quimper, Coordinator of the Campus Evening Division.

Mr. Donald Deppe, Assistant to the Director of Institutes, and Mr. Richard H. Stottler attended the annual meeting of the Adult Education Association in Buffalo.

DR. DICKSON VISITS CAMPUS

Dr. Paul Dickson, starting his third year as a University of Maryland official, recently visited the campus for the first time. Dr. Dickson is Resident Dean of the Munich branch of Maryland's Overseas Program, located in Munich, Germany.

Since this was Dr. Dickson's first opportunity to visit the College Park campus he spent much of his time becoming personally acquainted with academic deans and department heads in the disciplines taught at the Munich branch. He also conferred with University College authorities and with Colonel Robert Glafka, newly appointed Assistant to the Dean for Administration at the Munich branch.

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dependents of U. S. military and civilian governmental personnel in Europe. This fall 370 students are enrolled in the school which has facilities at McGraw Kaserne, a U. S. Army installation in Munich.

Mrs. Dickson accompanied her husband to College Park, and visited friends and family in New York and Arkansas before their return to Munich.

TWO RECEIVE ADVANCED DEGREES

Joseph N. Pamplin, '59, received the Master of Arts degree and Lt. Col. Julian R. Abernathy, Jr., '57, the Master of Business Administration degree at the fall convocation of the George Washington University.

COOKE TO BALLISTICS

Captain Gerald E. Cooke, '59, of the U. S. Air Force, has been assigned to the Air Force Ballistic Missile Division as Executive Officer.

COLONEI GLAFKA APPOINTED

Colonel Alvin R. Glafka, U. S. Army (ret.), has been named Assistant to the Dean of Administration in the Munich branch of the European Division of the Overseas Program. He will serve under Dr. Paul Dickson, Resident Dean of the Munich branch.

A former public school educator, Col. Glafka was a high school coach and science teacher in the State of Pennsylvania for 10 years before entering the military service. He holds a Bachelor of Science degree from Eureka College and Master of Education degree from the University of Pittsburgh.

FISH APPOINTMENT

The first full-time University College stateside off-campus lecturer in education travels more than 275 miles each week to meet her classes. Yes, she's a lady, too!

Mrs. Alphoretta S. Fish travels on Monday nights to Accokeek, where she teaches Education 153. The Teaching of Reading. It is a 72-mile round trip from her home in College Park to Accokeek.

On Wednesdays, Mrs. Fish teaches Science Education 105, Workshop in

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Science Education for the Elementary School, in Cambridge in the late afternoon. Then, she rushes, literally without time for dinner, to Centreville to teach a class in Education 123, The Child and the Curriculum. The round trip from her home to the two Eastern Shore communities totals about 200 miles.

On Thursdays Mrs. Fish meets another section of Science Education 105 at the Highland View Elementary School, only six miles from the campus, and her week of educational "circuit-riding" draws to a close.

Holding the Bachelor of Science in Education at Edinboro State Teachers, Pennsylvania, and a master's degree in elementary education from Western Michigan University, at Kalamazoo, Mrs. Fish came to the University of Maryland in the fall of 1958 as a graduate assistant to Dr. Glen Blough with whom she is working toward her education doctorate.

Mrs. Fish taught elementary school in Pennsylvania for two years. She taught a year at Bowling Green State University and a year at Western Michigan University before coming to Maryland.

This year, Mrs. Fish was one of a highly selected group which spent the summer at San Jose State College on a National Science Foundation Workshop for Elementary School Teachers.

Mrs. Fish is a frequent contributor to science education periodicals. Her latest article, in the February 1959 issue of *The Science Teacher*, is "Viewpoint on a Basic Problem in Elementary School Science."

SOCIAL NOTES

BIRTHS

Dr. Ralph Shangraw, of the School of Pharmacy, became the father of a baby son, Ralph Frederick, Jr., on August 17, 1959.

"Have given the world another freshman," writes Mrs. Pat Connors, former secretary in the Office of Alumni Relations and wife of an engineering alumnus. Michael Paul was born December 8, 1959, and is the second son to be born to the Connors family. They now make their home in Greenbelt, Maryland.

March-April, 1960

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Spring Reunions

Alumni-Varsity Football

MAY 7, 1960

College Park Campus

ALUMNI FROM ALL SECTIONS OF THE COUNTRY WILL BE RETURNING TO THE College Park campus on Saturday, May 7 for Class Reunions, business meetings, a barbecue luncheon, track and football.

All alumni, their families and friends are both invited and encouraged to attend. Special emphasis is being placed on the classes which fall in the five year category. The spotlight is focused on the classes of 1910, and 1935. These will be the Golden and Silver reunions. Also receiving attention will be the classes of 1915, 1920, 1925, 1930, 1940, 1945, 1950 and 1955.

The football game will present a preview of our 1960 team and will recall to the campus many of the greats of years gone by. The game will start at 2:30 P.M.

A triangular track-meet will bring together Georgetown, the Naval Academy and Maryland. The first event is slated for 12:30 P.M.

Tickets for the Athletic Events are \$1.50 for reserved seats and \$1.25 for general admission. Additional information is available through the Alumni Office at College Park. Plan now to be present for

SPRING REUNIONS





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Headquarters for the Division are at Sunnyvale, California, on the San Francisco Peninsula, and research and development facilities are in the Stanford Industrial Park in Palo Alto and at Van Nuys in the San Fernando Valley.

Facilities are new and modern and include the latest in technical equipment. A 4,000 acre Division-owned static test base in the Ben Lomond mountains near Santa Cruz provides for all phases of static field test. In addition, flight test facilities are provided at Cape Canaveral, Florida, and Vandenberg AFB, Santa Maria, California.

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Such programs reach into the future and deal with unknown and stimulating environments. It is a rewarding future with a company that has an outstanding record of progress and achievement. If you are experienced in any of the above areas, or in related work, we invite your inquiry. Please write: Research and Development Staff, Dept. C-52WW, 962 W. El Camino Real, Sunnyvale, California. U.S. citizenship or existing Department of Defense clearance required.

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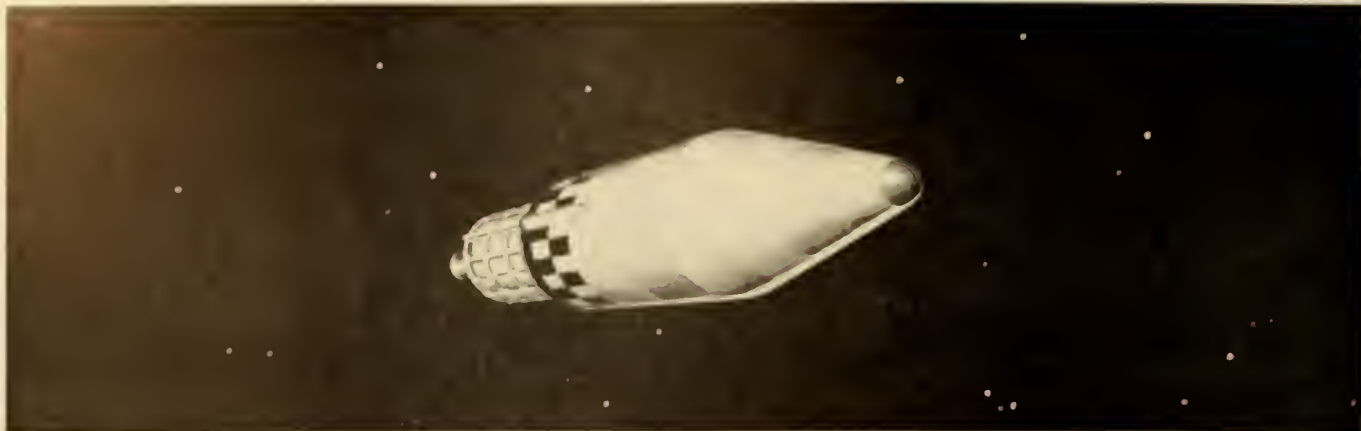


Volume XXXI Number Four • May-June 1960

DECISIVE ISSUES IN HIGHER EDUCATION



RESEARCH AT MARYLAND AIDS GROWTH OF SOUTH



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The Cover: The South has the raw materials for progress and the Southern universities are aiding this progress by means of expanding basic research programs. Important research projects carried out at the University of Maryland and other Southern universities are described in an article beginning on page 14.

the Maryland

magazine

Volume XXXI

Number 4

MAY-JUNE • 1960

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THE

ALUMNI DIARY

THESE ARE RESTLESS AND UNCERTAIN DAYS. We hear the timid speak of floating islands upon which we rest in ease, apathy and luxury. There is talk of man reaching beyond those bounds and barriers which have been established for him. All are a part of the ageless search for additional knowledge and truth.

Those who are timid have forgotten the great challenge of Theodore Roosevelt when he said, "In the battle of life, it is not the critic who counts; not the man who points out how the strong man stumbled or where the doer of a deed could have done better. The credit belongs to the man who is actually in the arena. . . ."

The Alumni Association is dedicated to the objective of continuing and improving education. Its members recall the days when men travelled by horse and buggy, when the radio was unknown, television a fantastic dream, air travel in the realm of ridiculous and the outer reaches of space the exclusive property of the Creator. Then as now, the educated led the way and reached toward new plateaus of comfort, understanding and opportunity. Each succeeding generation has been fortified with the knowledge that again and again human freedom has died in its sleep and has awakened under the heel of the oppressor. Here then is our reason for existence, our hope for the future. We speak of both the educated and of those who reach for the unknown with a confidence and the courage which will guarantee a better tomorrow.

Again and again headlines tell of student unrest, demonstrations and rioting. The educated mind would be dangerous were it not tempered by history and the conviction that an explosive crusading youth holds the key to the liberty of man. Today, both education and the student of the world are in the arena. There will be mistakes and scars but the parade will go on and new minds and ambitions will fill the ranks of the fallen.

Change is as certain as the sunrise and surely new vistas of hope lie ahead. Our University may well take heart as its alumni of all ages pledge their assistance in the arena for in the words of Victor Risel, blinded by acid from the hands of a racketeer, "The hammers of history are beating out a new world close to the hearts of the blacksmiths." Individually and collectively we shall strike the anvil.

America must keep pace. The University of Maryland has contributed its share. You cannot speak of probes into outer space, of freedoms in our American civilization or of service to mankind without in the same breath recalling both the heritage and present effort of the University of Maryland. We who are graduates and former students represent many diversified interests and desires. To us a formal education is a vital thing to remember, to use and to wish for others. As we associate, cooperate and participate, we conclude that University research touches most of us only indirectly, many services are not apparent on the surface and the future direction of education may conceivably be altered overnight. Of one thing we are sure, the mind of man must continue to be nourished if man is to exist.

As ever,

DAVID L. BRIGHAM
Alumni Secretary

ALUMNI AND CAMPUS NOTES



UNIVERSITY CALENDAR OF ACTIVITIES

MAY

- 19 Shipley Testimonial Dinner—Presidential Ballroom, Statler Hilton Hotel, Washington, D. C.
- 29 Baccalaureate Exercises, Memorial Chapel—College Park.

JUNE

- 2 Alumni Day—School of Medicine, Baltimore.
- 2 Annual Banquet honoring graduates and class reunions, School of Pharmacy—Baltimore.

2-4 June week—Alumni Association of the School of Dentistry—Baltimore.

3 Banquet and Dance, School of Nursing—Emerson Hotel, Baltimore.

4 Commencement Exercises.

20-25 College Week for Women, 34th annual Rural Women's Short Course—College Park.

20-
July 1 Nursing institute "Cardiovascular Nursing"—Baltimore.

22-24 4th Annual Adult Education Institute—Student Union, College Park.

24-26 Liberal Arts Institute, Student Union—College Park.

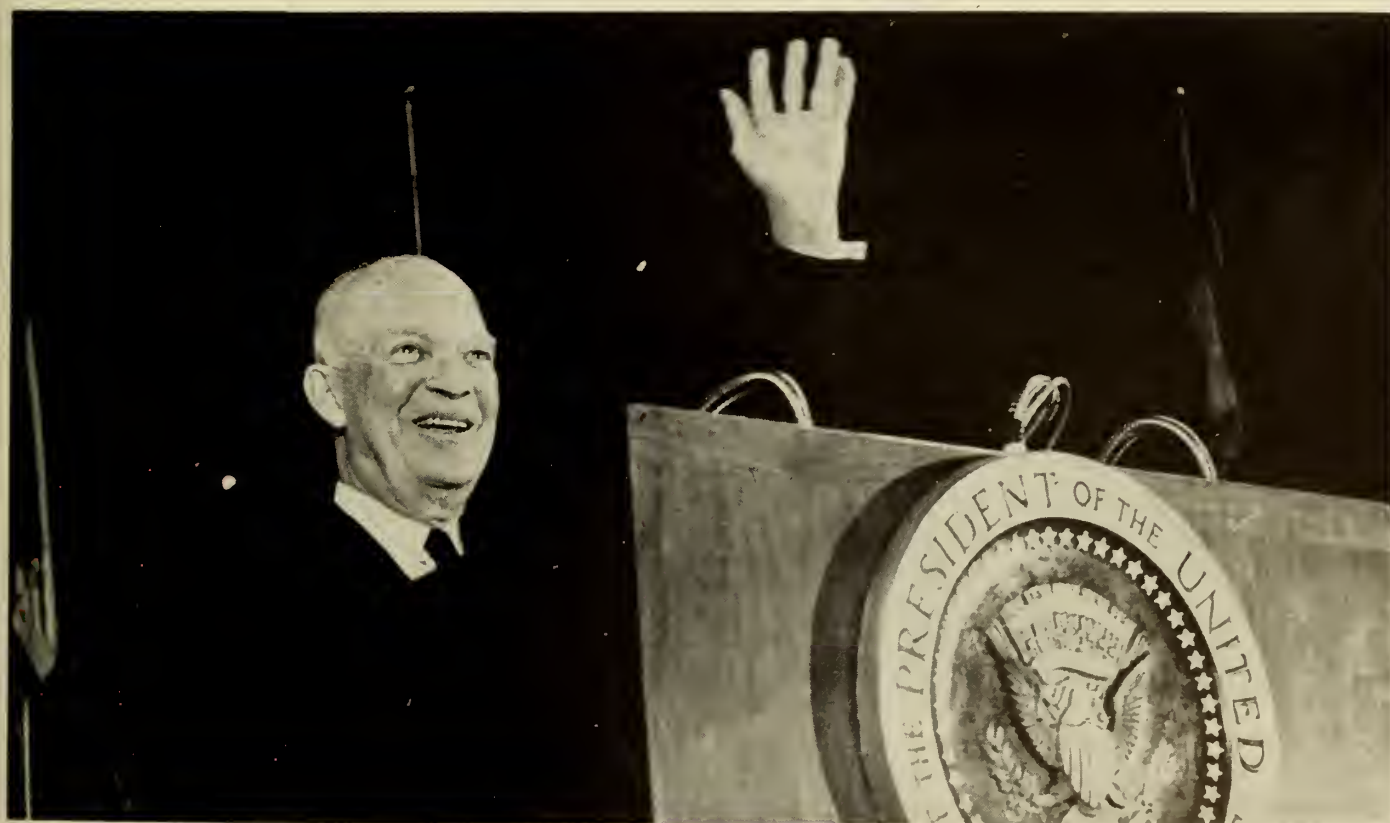
27 Registration for the Summer Session—College Park.

28 Summer Session begins—College Park.

29-
July 1 Summer Theater—College Park.

JULY

6-8 Summer Theater—College Park.
13-15 Summer Theater—College Park.



MARKING THE FIRST TIME an American President has appeared at the University of Maryland, President Eisenhower delivered an address opening the White House Conference on Children and Youth, March 27, in the William P. Cole, Jr. Student Activities Building. President Eisenhower said to the 5,000 delegates: "From the play pen to the campus our task is not to provide the condi-

tions of an affluent equilibrium for the young, but rather to teach them that such things have real value only as they are earned. We must see to it that our children grow up in a climate that encourages response to intellectual challenge, self-reliance, initiative, and a healthy regard for hard work and the dignity of man. To do otherwise is to do a disservice to the young."



Bob Boucher

"M" Club Elects Boucher

C. Robert (Bob) Boucher, class of 1935, has just been elected to the "M" Club Board of Governors, according to Hotsy Alperstein, outgoing President and former Maryland boxing great.

Bob was an outstanding track man starring in the hurdles, high and broad jumps, pole vault and javelin. He set a University record in the high jump in 1935.

A real estate appraiser and councilor now, Bob is nevertheless very active in University and "M" Club work.

Use of Closed Circuit TV

The Zoology Department last fall pioneered with lectures delivered through the medium of closed circuit television.

Hundreds of students each semester register for Zoology I—General Zoology. They were formerly divided into two lecture sessions which were held in the auditorium of the Skinner Building—sections which numbered over four hundred each.

The size of the lecture class was felt to be a deterrent to effective learning and when the Speech Department proposed the TV idea, the Zoology Department decided to try it.

Classes were limited to 48 students. Dr. George W. Wharton, Head of Zoology, appeared before the television cameras at nine and again at ten on Tuesdays and Thursdays to present the course material. Each class was supervised by a graduate assistant and at the end of each lecture ten minutes was provided for discussion and questions.

The 960 students enrolled in the course were divided into 20 lecture sections, each of which was divided into two laboratory sections. Four well-equipped laboratories were used concurrently to fit in the 40 laboratory sections.



Mr. Lappin

Lappin Now Consultant

Robinson Lappin, University Manager of Food Services and Director of the Washington, D. C., Restaurant Association, has been appointed to a newly-created administrative post at Maryland. His new position is consultant on food service development.

In this post, Lappin will direct food facilities expansion on the College Park and Baltimore campuses. The newly appointed food consultant will have administrative responsibilities in which the broad overview of operating efficiency and effectiveness will be the primary concern.

Lappin has been associated with the University for the past 12 years. Before coming to College Park, he directed the housing and feeding of the Armed Forces in the Washington Metropolitan area. In addition, he served for 18 years as manager of a hotel operated by the Union Trust Company.

A native of Washington, D. C., Lappin has lived in the State of Maryland for the past 30 years.

He holds memberships in many professional, civic and service organizations. A public relations Director for the Chef's Society of Washington, he is also Vice President of the National Association of College and University Food Services. He is a member of the Stewards and Caterers, Hotel Greeters and Hotel Sales Managers Associations; and Rotary. In addition, he is a member of the retirement committee of the Maryland Classified Employees Association.



SCHEDULED FOR COMPLETION EARLY IN 1961, the University's newest building will be the center of an old part of the campus. It will house the College of Business and Public Administration and will be complete with such conveniences as an elevator (the building rises five stories above the ground floor) and air conditioning. \$121,000 has been appropriated to equip such modern facilities as the punch card and electronic computing classroom. A large lecture hall will accommodate 506 persons. There will be nearly thirty classrooms and more than sixty offices in the completed building, as well as numerous conference rooms, seminars and laboratories. Total cost of the project is \$1,562,000. Architects are Edwin Wilson Booth (deceased) and William T. Booth of Salisbury. The latter Mr. Booth is himself a graduate of the B.P.A. college, class of 1942.

During World War II, Lappin was Manager of the United Nations Service Center in Washington, an establishment for the uniformed personnel of all branches of the military service of the U. S. and its allies. Three and one-half million servicemen and women knew by experience the hospitality of this world famous institution.

New Bibliography Published

A bibliography containing 1,707 entries on plasma physics and magnetohydrodynamics, the first book to be compiled on the subject, has been published by the University of Maryland.

The new bibliography contains, in addition to subject titles, an authors index, a numerical index to international atomic energy reports, and a list of journals referred to in the bibliography. It was compiled by James D. Ramer who was the librarian of the University of Maryland Engineering and Physical Sciences Library until his appointment to a similar post at Columbia University last year.

According to Professor Johannes M. Burgers, Acting Head of the Institute for Fluid Dynamics and Applied Mathematics, experiments in magnetohydrodynamics, the motion of electrically conducted fluids subjected to magnetic forces, were conducted in the 19th century. It has been, however, only in the last two decades that the field has attracted wide attention.

PG Alumni Get Together

More than 200 Prince Georges County alumni, including husbands, wives and sweethearts, attended a dessert and coffee hour on March 18 at the Student Union.

The program featured a premier showing of a new film of Terrapin 1959 football highlights, followed by Coach Tom Nugent's prognostications for the 1960 season. The mentor's first appearance before the county group was enthusiastically received and, no doubt, few of the PG alumni will be absent as the season unfolds.

Another highlight of the two-hour meeting was an exhibit of Hawaiian art by Earnest Cory, Jr., until his retirement State Entomologist and Head of the University's Department of Entomology. Dr. and Mrs. Cory have just returned from Hawaii and, on the basis of the beautiful color and scenes from the new

state depicted skillfully by the artist, a few alumni are known to have consulted travel folders the next day.

In addition to many well-known faces, on hand to greet the former grads were Alumni Executive Secretary Dave Brigham, Alumni Field Secretary Vic Holm, Alumni Council President Harry Boswell and their wives.

Preceding the program, the following Prince Georges County Alumni Board: Bill Hoff, Chairman, and Nick Nicholas, Si Perkins, "Doc" Cronin, Louise Sudlow Hoyert, Frank Claggett, Hazel Temmler, Egbert F. Tingley and Tom Orpwood, all Directors.



Dr. Darkis

Alumnus Elected V. P.

Dr. F. R. Darkis, A & S '24, has been elected a Vice President of the Liggett & Myers Tobacco Company.

Dr. Darkis, Director of Research, was elected a Director of the Company in 1956. He originally came to Liggett & Myers in 1928. In 1933, he went to Duke University as Tobacco Research Associate in the Chemistry Department, and he returned to Liggett & Myers in 1947 as Director of Research. Today, he directs a staff of highly specialized scientific personnel in the Company's Research Laboratories in Durham, North Carolina. Dr. Darkis, who comes from Frederick, Maryland, received his B.S., M.S. and Ph.D. degrees at the University of Maryland. He is married to the former Mildred Morris of Salisbury, Maryland. They have two sons, Frederick R. Darkis, Jr., and Thomas M. Darkis and one daughter, Barbara Darkis Blake.

Research on Strontium-90

"A safe, effective and inexpensive" method for reducing Strontium-90 (resulting from radiation fall-out) in milk has been developed by Dr. Joseph Silverman, Associate Professor of Chemical Engineering at the University.

Dr. Silverman carried out research on the process as a member of Radiation Applications, Inc., a technical firm that specializes in chemical, plastics, and nuclear research for industrial uses.

In the new process, excess calcium phosphate, to which Strontium-90 can be caused to attach itself, is introduced into the milk. The mixture is heated to pasteurizing temperatures which makes the excess calcium compound more soluble. This, in turn, causes the Strontium-90 to be distributed in the new calcium as well as in the normal calcium content of the milk. When the solution is cooled, the excess calcium is precipitated out and automatically carries with it the unwanted Strontium-90.

Dr. Silverman explains that the process is economical "primarily because it can be easily applied to a dairy's normal pasteurization process in a number of ways that are consistent with current milk-processing practice." In addition, the cost of calcium phosphate is low.

Radiation Applications, Inc. is now working on plans to conduct pilot plant work for the new process.

Byrus wins Service Award

Robert C. Byrus, Director of the Fire Service Extension, has been presented the distinguished service award of the National Fire Protection Association.

The award is made by the officers, directors and staff of NFPA to express appreciation to those who have rendered outstanding service to the association.

Miss Coleman is Princess

Virginia Anne Coleman was the Princess from the University of Maryland for the Apple Blossom Festival in Winchester, Virginia, April 28-30. Miss Coleman, the daughter of Mr. and Mrs. Tracy Coleman, of Silver Spring, Maryland, is a sophomore at the University. Her mother was graduated from the University of Maryland and her father is also a graduate.



Dr. Pennington

Pennington Elected by ASM

Dr. William A. Pennington, Professor of Metallurgy, has been elected National Vice-President of the American Society for Metals and will serve in this capacity for one year. Metallurgy at the University is part of the Department of Chemical Engineering.

After graduating from Union University, Jackson, Tennessee, with a B.S. degree with a major in chemistry, Dr. Pennington served four years as principal of Spring Hill High School, Trenton, Tennessee. He then started graduate work at Iowa State College, receiving the Ph.D. in physical chemistry and metallurgy.

He returned to his former alma mater as Head of the Department of Mathematics for a period of one year. At this time he started a period of 20 years of service in industrial research—as research engineer for Armco Steel Corporation in Middletown, Ohio, as an industrial fellow at Mellon Institute of Industrial Research, Pittsburgh, Pa., and as chief chemist and metallurgist at the Carrier Corporation, Syracuse, New York.

It was in the last position that he invented the first commercial azeotropic (constant boiling mixture) refrigerant, Carrene 7, now known generally as Refrigerant 500. It is believed to be still the only commercial azeotropic refrigerant used in this country, and perhaps in the world.

In 1954 he returned to teaching as professor of metallurgy at the University of Maryland. One of his recent Ph.D. graduates, Dr. Henry Frankel of the National Bureau of Standards presented a paper "Fatigue Properties of

High Strength Steel" at the recent annual meeting of the American Society for Metals in Chicago.

One of the editors of the magazine *Iron Age* has said that he regards this work as the metallurgical contribution of the year; the paper was taken from the doctoral thesis which was done under Dr. Pennington's direction.

Scholarship Gift

A gift of \$1,000 for agricultural scholarships has been given to the University by the Christian R. and Mary F. Lindback Foundation.

The \$1,000 gift is the second to be received by the University under the will of Christian R. Lindback, late President of Abbott Dairies, Inc. The foundation, established to help college students through scholarships, gave a similar gift in 1958.

Dr. Dewey Takes New Post

Dr. Charles S. Dewey, Assistant Professor of Chemistry from 1946-1959, retired this year from his position at Maryland to accept a post at Dakota Wesleyan University, Mitchell, South Dakota. Dr. Dewey, who now heads the Chemistry Department at Dakota Wesleyan, writes that he has "the expectation (and challenge) of a substantial and sound growth of its scope of operations during the immediate future. It is a fascinating and demanding job."

University College Students do Better on Campus Than off

A survey of students who have studied on and off campus with the University of Maryland revealed that their on campus grades were slightly higher. This study, just recently concluded under the direction of Brig. Gen. T. D. Stamps, USA, Ret., University College Assistant Dean for Military Studies, included 144 cases—all of them on campus "Bootstrap" graduates who had previously taken work off campus with the University of Maryland.

The over-all average for courses taken on campus was 3.201 (above a B) compared to the 3.055 grade average made off campus by the same students.

Bootstrap students are military personnel who are sent to the campus on a temporary duty basis for the purpose

of completing college degrees. Most of them are officers, are married, and have families. The average rank is Major. A bootstrap student receives his regular salary while attending school, but each pays his own tuition and fees.

Scholarly Work Published

A book published recently by the University of Wisconsin Press contains contributions by 19 scholars of international importance.

Entitled "Boundary Problems in Differential Equations," the work contains papers delivered at a symposium under the same title. Dr. Joaquin B. Diaz, Research Professor in the Institute for Fluid Dynamics and Applied Mathematics, is one of the contributors.

New Library Collections

Scrapbooks containing newspaper clippings compiled by the League of Women Voters of Maryland were recently presented to the McKeldin Library by League President Mrs. Edward J. Satterthwaite. The scrapbooks contain clippings on the suffrage movement in the 1917-1920 period, with information about women who worked for the 19th amendment in Maryland; the Pan American Conference of Women, in which Carrie Chapman Catt was prominent; pre-election activities for the 1928 election, and league activities up to 1940.

A complete set of the histories of 25 Chinese dynasties was presented to the Library by the Government of the Republic of China. The presentation was made by Dr. George K. C. Yeh, Chinese ambassador to the United States. The gift was accepted on behalf of the University by President Elkins. The histories comprise 934 volumes and are the only standard general history of China.

GED Test Limit Announced

University College officials have announced that after April 30, 1960, no credit will be allowed for students who take the college level General Education Development tests within one calendar year of their graduation.

In hardship cases, students taking GED tests during the final calendar year may petition to have a maximum of six hours of that credit awarded. However, this permission would automatically preclude any other waiver allowances



TOTAL CONTRIBUTIONS to the Greater University of Maryland Fund keep climbing—in April the Fund reached \$364,000. Mrs. Elsie Martin, research assistant in the Office of Endowment and Development, records the rising line.

for correspondence courses, working at other colleges, and special examinations.

Education advisers have been requested to urge all students to take the GED tests as soon as possible after entering the Maryland program.

Grants for Research

A partial list of recent grants to the University which aid in continuing research and special programs include:

From the National Science Foundation: \$9,630 for scholarships to students participating in research programs; \$11,550 to the Physics Department for summer science training for secondary school students and research participation for teacher training program; \$30,000 to support a summer institute of the University during which ten foreign biologists will lecture at colleges and universities throughout the nation.

A grant of \$22,388 from the Atomic Energy Commission to the Physics Department will purchase equipment to train senior students in a one-year atomic and nuclear energy course.

The National Academy of Sciences has made a grant of \$8,428 to the Department of Microbiology for the classification of compounds effective in the destruction of molds.

Dr. Benarde Honored

Dr. Melvin A. Benarde, Assistant Professor of Zoology at the University's Seafood Processing Laboratory in Crisfield, was elected a fellow of the American Public Health Association at that body's annual meeting in October. Dr. Benarde is well known through the publication in scientific journals of his research findings at the Seafood Laboratory.

Alumni Commencement Events

Commencement will soon mark the end of another University year. Many pre-commencement activities are crowding the warm spring weeks marked by nostalgic reunions of former students who return again briefly to well-remembered (though perhaps greatly changed) campus by-ways.

As this issue goes to press, alumni reunions on the College Park campus have already occurred (a full report will be carried in the July-August issue). Business meetings, a barbecue luncheon, athletic events, and class reunions occupied returning "old grads" for the entire day, May 7.

May 19, alumni honored a favorite figure on the Maryland scene for the past 36 years: H. Burton Shipley, the colorful baseball coach who this year is retiring. A reception and dinner were held in the Statler Hilton Hotel in Washington, D. C.

A look into activities planned for the immediate future reveals that the professional schools have scheduled programs for their graduates beginning on or after the first of June. Scientific programs and banquets will keynote the activities. It is expected that a great deal of interest will be generated by the many changes in the physical plant on the Baltimore campus.

The Medical School Alumni Day is planned for June 2. A new faculty, many new academic innovations, and a most interesting research program await alumni inspection. The afternoon is reserved for class reunions and the banquet and dance in the Lord Baltimore Hotel will climax the events of the day.

June week for Dental alumni begins June 1 with an Omicron Kappa Upsilon convocation and banquet at the Lord Baltimore Hotel. A business meeting, scientific program and academic program fill out the serious side of the program. In addition there will be dining and dancing and an afternoon of golfing and swimming.

A banquet, dance and reunion are scheduled for alumnae of the Nursing School, with senior students as invited guests at the festivities. Nurses and nurses-to-be will assemble the evening of June 3 at the Emerson Hotel.

One of the first functions to be held in the new Baltimore Student Union will be the Alumni Banquet and Dance of the School of Pharmacy. A convocation June 2 will precede the banquet and members of senior class will join in the activities of the evening.



DECISIVE ISSUES IN

*Spring Convocation Address to the Students and Faculty
of the University by President Wilson H. Elkins.*

LAST SPRING when plans were being made for convocations, there was an optimistic outlook by members of the Public Functions Committee. They envisioned the national political candidates seeking a platform from which to announce their versions of how the world could be saved for posterity (of which you are a part), and why youth should take up the banners for liberal conservatism or conservative-liberalism. To the dismay of our convocation planners, the Republicans decided to enter the race with only one horse in the starting gate, and the Democrats have been so busy jockeying for position that they have not got on to the track. In any event, you have been spared the clarion calls of those openly aspiring to the highest office, and the beguiling tones of those who, for obvious reasons, prefer a draft at next summer's convention.

So the Convocation Committee has called upon the available reserve. I thank you for responding so generously, and I hope that you will not be disappointed by a plain and frank talk on some of the issues in higher education which relate to your welfare and that of future generations.

Since talking to you last year, nothing of a revolutionary nature has happened at the University of Maryland—except the size of the crop of freshmen, the Kingston Trio, the victory over Clemson, and the burning of the Music Hall. And I do not anticipate anything very startling during the coming year. Obviously, there have been some changes and innovations, and it seems to me that they have been improvements. Students from elementary school through college are studying more and quite naturally they are complaining more. Some of them even are beginning to analyze thoughtfully their teachers and administrators, and if there wasn't such a shortage in the educational field many of us might be getting quite nervous. But this hasn't reached any significant proportions, and education goes on what some call its complacent way. Actually, it would be tragic if education were to tremble and shake with every distant rumble, for this would result in changes poorly conceived, inadequately planned, and often harmful. The very nature of education necessitates an evolutionary process, responding to the fundamental needs of man and his environment.



HIGHER EDUCATION

Surely, the physical changes that are taking place call for a continuous study of the educational system and its various divisions and programs. The flight of the Soviet Russian Bear into space gave us pause to look at the condition of our society and, for the moment at least, more and better scientific education appeared to be the answer for our deficiencies. This was a tribute to the importance of education, but it was not a careful analysis of the situation. If, eventually, it causes the people to devote their attention to the value of hard work, honesty, and quality, American education will be strengthened immeasurably as a part of a virile society. Some of the signs are encouraging, but some of them are beginning to flicker after a little contact with the sterner elements which enhance the quality of education or any worthwhile enterprise.

The people want education, and more education they will get either from the local community, the State or the Federal government, but the unanswered question is *what* kind of education will the people demand, support and defend.

During the past two years, thousands of speeches and

articles have been heard and written on the subject of education. The authors have been as heterogeneous as the enrollment of a public university. They have agreed on only one point, namely, that there are more students today than ten years ago, and that the present number in the colleges will double in the next ten years. Committees have been appointed at all levels to enlighten and frighten the public. These groups have discussed curricula, facilities, instruction, research, admissions, performance, standards, cheating, football and finance. The resulting reports have had a good effect on education for, if nothing else, they have enabled the schools and colleges to require a higher level of performance without being crucified by the parents and by influential friends. It would seem from many reports and comments that the public has just awakened to the realization that education is the foundation of a free and prosperous society. The task before us is to strengthen and perpetuate this revival of interest in intellectual and spiritual growth, and to prove by action that the cry for quality and the fulfillment of democratic ideals is not just a shallow response to the Russian menace.

MANY OF THE DECISIVE ISSUES which are being discussed are of immediate concern to all of us, and they will have a lasting effect upon this University. You the students, who soon will enter the intricate, competitive, and demanding economic and social order, are directly involved. Despite this obvious fact, the voice of the students on matters of great import have been, for the most part, unheard and unsolicited. If the students have an opinion on the present and future of higher education, they should express it, even though it may be vetoed by the faculty or the administration. Vetoes are powerful deterrents but they are not always sustained. In improving the quality of higher education and making it available to all who are qualified, is it too much to ask university students to think about the meaning of excellence, the need for standards, the means of financing public higher education, curricula for the international citizens, and the values which have sustained humanity through the ages. I do not propose that you alone should decide the issues which are so important to your welfare. I do believe, however, that you should form opinions and that you should express them so that they may be considered along with the reports and recommendations of others interested in higher education. In this connection, it is encouraging to read recent issues of the *Diamondback* which contain articles on important educational subjects. For example, the proposal of the Student Government Association to restudy the examination schedule in an effort to avoid too many examinations in a two- or three-day period is a problem which should elicit student opinion.

In the voluminous educational literature of recent months, the word "excellence" appears over and over again. Everybody is pursuing "excellence," which reminds me of a meeting several nights ago when one of the participants got up, after a protracted discussion of the gifted student, and said that he would like to say a few words for the "ungifted." All of us know that the word excellence was not coined after Sputnik, but it has assumed, since Sputnik, a more general meaning. The exhortations to excellence may be a bit confusing to those who had thought of it in terms of something superior or far above the average. This common definition of the term could be discouraging to the average student who has little hope of achieving superiority. For that reason, the term needs clarification. In the context of recent statements, the speakers and writers are saying that excellence means performance in accordance with capacity and that an institution which requires a reasonable level of performance and provides the kind of environment, personnel, and facilities which are conducive to performance on a high level is in pursuit of excellence. The Academic Probation Plan is a case in point. It has contributed to the betterment of this institution; it has stimulated effort; it has encouraged the serious and qualified students who have given it enthusiastic support; but it is only one factor in the character of the University.

There are many factors which contribute to an excellent educational program. Perhaps the most important is self-discipline. This is a basic requirement, and it is a very real issue where freedom of choice prevails. The lack of self-

discipline is a major handicap in college. It is often the cause of failure, and, to a very considerable extent, it deprives the student of realizing his full potentiality. Self-discipline is developed under conditions that require the full use of individual talents, and the institution—home or school or college—which fails to demand the application of talent is doing a disservice to the individual and to society. In assisting the student to develop self-discipline, the institution must define its objectives in a manner that indicates clearly who it intends to serve. The University cannot serve everyone, regardless of capacity or interest. In fairness to those who have ability to do college work and who are willing to discipline themselves, the unfit and unwilling must be encouraged to find more compatible quarters.

In order for anyone to measure the achievement of the principal university product—its students—standards are essential. Unfortunately, the quantity of work and specific grade requirements are often mistaken as standards for academic courses. When the University adopted the Probation Plan, it was not adopting a standard of instruction, but a minimum grade requirement within the standards set and maintained by the faculty. If this has led to higher standards of instruction, it has been a by-product which is relative to the standards which were existing when the Probation Plan was adopted. It is not logical to assume that there was a need to set higher standards. The determination of any measurement should be related to the end in view. As the pressure has mounted for better education, I have observed a noticeable increase in the amount of work expected of the students, in elementary grades, high school, and college. In some cases, the amount has had little, if any, relation to an adequate standard and has compounded the difficulties instead of helping the students. Extraneous and useless material has been added on the apparent assumption that quantity would result in quality. There is an urgent need to avoid this undesirable action, lest we get further from the goal of excellence. There is an urgent need to maintain identifiable standards which can be justified and clarified.

In some courses of study, it is relatively easy to determine what should be learned and to set objective measurements; in others it is more difficult. There is no excuse, however, for any course to be a guessing game or to depend upon the mood of the instructor at examination time. Naturally, there will always be a wide range in the effectiveness of instructors—even administrators—but the standard for a specific course should be the same, or approximately the same, for all instructors. Only in this way is it possible to measure fairly and reliably the knowledge of the students and the effectiveness of teaching. Only in this way can we determine whether a student in elementary, high school, or college is ready for advancement.

THE MAINTENANCE OF PROPER STANDARDS will go a long way in correcting the weaknesses in American education. We do not need to copy the ways of other countries; we need simply to straighten out some of the kinks so that we can go down a straight road toward a recognizable goal. Standards will not take the place of good teachers, but they will enable the teachers and the students to do a better job; and they will help the parents and the public to understand what we are doing.

Another issue which is being debated vigorously is: who should pay the cost of education? The participants are not entirely unbiased (including the educators), nor do they

include a fair representation of those who pay the bills. Some are uninformed and others have not analyzed the economic status of the students, although I suspect that some of those who argue for substantially higher tuitions have been looking enviously at the automobiles which crowd the campuses. A few proponents of higher tuition represent the old school which holds to the belief that only a highly selected group should be allowed to go to college. The vast majority, however, subscribe overtly to the generally accepted philosophy that every person should be given an opportunity to develop his capacity regardless of financial status. Now, we all know that *complete* equality of opportunity is a myth. There are too many uncontrollable factors. But we should attempt to approach the ideal; and it is strange to hear men of the Twentieth Century suggesting that the ideal can be attained by requiring the student to make full payment for instruction. If the scholarship proposal were accepted for those unable to pay their way, there would be a majority of scholarship students. Eventually, as others quit work to live off the bounty, most of the students would be getting help. As a practical solution to the financing of higher education, the full-pay-scholarship plan is a specious argument. Actually, it would result in the denial of opportunity to hundreds of thousands of students and would deny society the benefits of a citizenry educated to meet the demands of 1960 or of the year 2000.

As a public institution, the University is obligated to provide education to all who are qualified and seek admission.

To carry out this obligation, the governing Board has attempted to keep the cost within reach of most of the people. The Board of Regents is well aware of the fact that at least one-half of the students help to support themselves. Some work part-time and some try to work full-time and carry a full academic load. (A few of the latter group are no longer with us.) Under the circumstances, any major change in the fees policy would deny education to some, delay graduation for others, and probably weaken the performance of many who might seek to earn more money. The Board of Regents is well aware of these problems. While avoiding increases that would be penalizing and detrimental, the members have been cognizant of the increasing cost of education and changing economic conditions. Small increases have been approved periodically. I am reasonably sure that you can expect some modest increases in the future which are consistent with the increase in real family income—and the length of the cars which you drive to school. I hope, however, that they will not be excessive.

As in the past, the State government will be asked to provide the main support of the University, with, perhaps, an increasing amount coming from the Federal government for research and physical facilities. In the last analysis, the outcome of this important issue will be determined by the people. If sufficient funds are provided by the legislatures, the individual student will not have to bear the main burden. In view of this fact, the voice of the parents—present and future—is of crucial significance. Others, who do not represent the



percent of modest income, or the working student, are protesting the gospel of high tuition for public colleges and universities. Such an increase could happen by default if those who are directly involved fail to express their convictions.

In regard to State appropriations, we are encouraged by the recommendations of the Governor and by a Legislature that has consistently supported a Greater University. If the Legislature does no major damage to the current budget request, the University will operate with approximately \$2,000,000 more in 1960-1961 than in the current year. More than one-half of this increase will go to faculty salaries and for new positions to take care of an estimated 8-10 percent increase in enrollment. Regardless of the outcome, it is comforting to know that highest priority has been given to teaching and research which loom so large in the degree of excellence of the University and which affect you so vitally.

With respect to capital improvements, the University will need approximately \$45,000,000 during the next ten years to provide for enrollment increases and improvements. This does not include additional programs which may be needed in a rapidly changing period. For the next fiscal year, 1961, the Governor has recommended approximately \$3,700,000, of which \$2,000,000 is allocated to the redevelopment of the Baltimore campus. At College Park, the recommendation would provide money to furnish the new Business and Public Administration Building, renovate the old BPA Building, furnish a new foreign language facility on which construction is scheduled for April or May, add an additional floor to the Physics Building, provide planning funds for a new Infirmary, and planning funds for a Classroom-Auditorium Building to accommodate Speech, Art, Dramatics and Music. The latter has been badly needed for several years and now is on the emergency list. There is also \$200,000 for improvement of the Fire Service Extension area—no connection with the burning of the old Music Hall.

In addition to the State appropriations, the University has extended credit to the students—secured by compulsory collateral—for the enlargement of the Union Building. If plans progress on schedule, construction should begin in May on a \$1,500,000 addition. This should be welcomed by the thousands of "Day Dodgers" and others for whom crowded conditions in the Snack Bar have created a minor crisis.

AT THIS TIME, which is just the beginning of the bulge in enrollment, we are in pretty good condition excepting the need for dormitory accommodations. But we are apprehensive about the future. Dean Borreson, with his flair for the dramatic, has said that conditions will be chaotic in 1961. I am not sure of what he means by chaotic, but one might envision a mad scramble for rooms in September without regard to class or sex. Indeed, this would be chaos, and it would be exciting. However true the Dean's picturesque description may be, the condition is going to be unsatisfactory. We shall not have any additional accommodations for girls in 1960 and places for only about 400 more men by the end of the year. And unless there is an immediate change in State planning, there will not be a single room added for 1961. This means that the University must severely restrict out-of-state enrollment. Many will be required to commute who would prefer to live on campus. Worst of all, rooms will

have to be denied to some Maryland residents who cannot commute. The University is exploring all possibilities for financing construction of additional dormitories with State, Federal or private funds, but the prospects are not good. Although the issue is serious, do not get hysterical; your rooms will not be taken.

There is some sunshine in the midst of these dark forebodings. After long and tedious planning, followed by bids in excess of the money available, a contract will be let to begin the first of a new group of men's dormitories on the north side of the campus. In this agricultural setting, far from the influence of women, we expect a large number of men to find contentment. The dormitories will be broken into small units and there will be a separate dining facility for each fifteen hundred students living in a quadrangle of four- and eight-story buildings. (Elevators may provide another excuse for getting to class later or not getting there at all.) In order to avoid some of the disadvantages of mass feeding, the plan calls for dining units accommodating seventy students. Formal dress will be optional. This will be the new look for the future in dormitory accommodations, and it is a good example of how the University is trying to create a favorable climate for living and learning. It is a recognition of the fact that education on a high level must concern itself with the social and physical as well as the intellectual development of the individual.

The welfare of the individual demands that the University continue to pursue endlessly the building of an institution with all of the resources to provide the best in teaching, research, and service. Anything short of this goal during a period when an increasing percentage of high school graduates will enter the State University will impair the progress of the State. Additions and changes will take place from time to time, but to be meaningful they must fit into the whole plan. The plan cannot be drawn as a picture, for it contains many intangibles. Actually, it is more like a bright horizon which continues to recede as we approach it. It is made up of students, teachers, scholars, administrators, staff, alumni, buildings, equipment, standards, requirements, regulations, courses, programs, curricula, organizations, activities, honesty, integrity, and spirit. And, in the quest for clarity, each element must contribute to the fulfillment of the central purpose.

Spirit is the soul of the institution. It is the cohesive element and it is the strongest force behind the conduct of the participants. It is born of attitude. In the history class, as in football or any sport, attitude is often the determining factor. Ability and background are primary essentials, but given the foundation, achievement depends upon the *will to do*. It involves a sense of belonging, a feeling that it is important for the individual to contribute to the group as well as to serve self. It forbids the individual to cheat his classmates or his opponent as it decries dishonesty wherever it may be found. It is something which transcends the excitement of an athletic contest, and extends to *all* competition where it is a binding, rousing and sustaining force through adversity and success. It is often called "morale" which, if effective, pervades the whole community. It is nourished by understanding, cooperation, and friendly relations between all who have a part to play.

It is this elusive, tantalizing, intangible spirit, along with people, programs and physical facilities which make up a great university. If I am asked, "Where are we going at the University of Maryland," I answer that we are always moving toward the goal of putting all of the pieces together which contribute to an ideal climate of learning. It is an exciting, rewarding and never-ending journey.



IT IS NO LONGER UNUSUAL to photograph University of Maryland graduates against a background of Japanese architecture. Only those graduates present for the commencement exercises are shown; the graduating class totaled 62.

Far East Division Graduates 62

SIXTY-TWO PERSONS JOINED THE BODY OF MARYLAND alumni March 27, but all of them were miles from their alma mater.

Thirty-nine of them (the rest previously transferred) were gathered in Kudan Kaikan Auditorium, Tokyo, Japan, to receive bachelor's degrees culminating years of effort. One man—M/Sgt. Thomas C. McGary of Kadena Air Base, Okinawa—began his college work 23 years ago. Of the 23 degrees awarded in absentia, one was a master's degree, awarded to Air Force Col. John O. Moench. Col. Moench received a bachelor's degree in 1957.

The occasion was that of the third annual commencement of the Far East Division. Candidates for degrees gathered from Japan, Taiwan, Okinawa and Korea. There were, in addition, about 1,000 persons present who witnessed the conferring of degrees by Dr. Wilson H. Elkins, President of the University. Presiding over the program was Dr. Ray Ehrensberger, Dean of the University College which administers the Overseas Programs. Assisting Dr. Elkins in conferring degrees were Dr. Mason G. Daly, Director of the Far East Division, who also brought greetings to the assembly; Dr. Leslie R. Bundgaard, Associate Director; and Gene H. Bundgaard of Admissions and Registrations.

Appropriate to the Japanese-American setting for the occasion, the audience sang the national anthems of both Japan and the United States. His Excellency, Kotaro Tanaka,

Chief Justice of the Supreme Court of Japan, was presented an honorary Doctor of Law degree. Dr. Tanaka spoke briefly to the gathering, following an introduction by United States Ambassador to Japan, Douglas MacArthur, II.

Commencement speaker was General Emmett O'Donnell, Commander-in-Chief, Pacific Air Forces. General O'Donnell charged University of Maryland graduates with a vital responsibility in the further development of good U. S.-Far East ties. He went on to call on Maryland graduates to aid in convincing friends of the U. S. that America is a "worthwhile, reliable and helpful partner."

He also said: "We seek a free world. The Communists want us out of Asia. And militarily speaking we want to be out of Asia. But . . . the United States seeks freedom for its friends . . ."

"Collective U. S. efforts have assisted the people of the Far East in their labors to rebuild war-torn economies and to attain improvements in their standard of living. The U. S. purpose in Asia is based on the concept that every human being possesses a dignity which must be respected and rights which must not be ignored."

Graduation music was provided by the U. S. Navy Fleet Activities Band conducted by Herbert E. C. Weber, with choral music by the Nihon Women's University Chorus.

A reception for the graduates, their families, invited guests, and dignitaries followed.

MRS. JOSEPHINE ANDREOZZI, mother of four children, was first in line to receive the degree of Bachelor of Arts from President Elkins.



Research at Maryland

Aids Growth of South



RESearch laboratories at the University of Maryland are helping produce the basic, raw material of progress which spells growth for the Southern United States in the decade of the Sixties.

This research has attracted national attention.

President Eisenhower wrote a personal letter of commendation to the University for its work on instrumentation used in the nose cone of the "Project Farside" rocket. That rocket put the first U. S. satellite in orbit.

"Research projects like those at the University of Maryland should inspire pride of achievement in the region," said Governor Cecil H. Underwood of West Virginia, Chairman of the Southern Regional Education Board. "Since research affects us all, we must see that all important fields of inquiry receive sufficient attention."

This and other examples of successful university research are included in the Southern Regional Education Board's publication, "University Research—What It Means to the South."

"I think research *does* mean a better Southern region. It *could* mean a position of leadership," said Governor Underwood.

His conjecture is backed up by facts from a past decade of research in the area.

Research has provided from 50 to 75 percent of the 250 percent increase in per capita income in the 16-state SREB region since 1939.

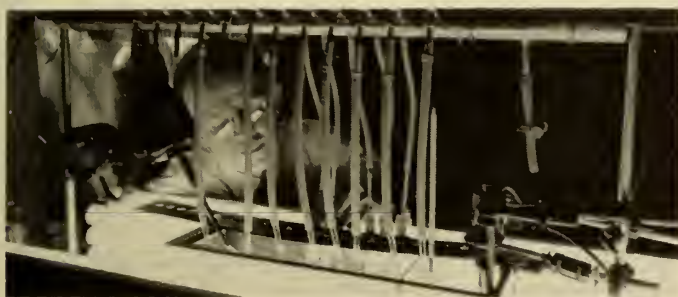
Basic research on long-chain polymers has resulted in the development of nylon, the manufacture of which is located almost exclusively in the South.

University research into the electrical behavior of solids resulted in the development of transistors, of which a single Southern firm now provides one-third of the nation's supply.

More than half of the nation's chemical plants have located South of the Mason-Dixon Line in the last few years—a fact noteworthy since the chemical industry is one of the most research-minded of all industries.

There are three major sources of support for research in the South—government (national and state), industry and universities.

Here we are primarily concerned with university research, for universities do as much basic research (research without an immediate practical application) as industry and the Federal government combined. As a matter of fact, the Federal government contracts with universities for between 50 percent and 60 percent of its basic research work.



Universities, then, lead in the discovery of principles and processes which may be adapted to technological and economic purposes.

"Our region needs the basic research our universities produce," said Dr. Robert Anderson, Director of the SREB. "Without fundamental knowledge, and new breakthroughs into the unknown, all the applied research of our industries will become stymied before long. Without the new scientific talent which our universities produce, our whole way of life would come to a standstill."

Research becomes increasingly important after a look at the region's potential.

According to Dr. Harold C. Clark, an economist from Columbia University, the Southern United States is potentially the nation's richest region. Even a superficial survey of its geography and people shows vast, untapped resources.

Expenditures for organized research in the South's publicly-supported universities have risen from \$23 million to \$58 million in six years—from 8.5 percent to 12.6 percent of the educational and general budget. The national average is now 16 percent.

In spite of recent progress, however, the total amount spent for research in the South is still low in comparison with other regions.

Though it holds 30 percent of the nation's population and 23 percent of the nation's income, the South provides only 17 percent of the nation's research.

Or, from another angle, for every \$100 of personal income in the South, seven cents is being expended on university research. This is less than the amount spent in the region for memberships in golf and country clubs.

Research has a part in every area of modern day living. Dramatic examples of successful research are found in the areas of economics, sociology, the biological sciences and the physical sciences.



It means many things to the people of the region. It means more dollars in the economy. It means better health for the present generations and those to follow. It means scientific advances in the fields of nuclear energy and in the control of nature's elements.

Reports from laboratories all over the South witness the diversified successes of basic research.

More Dollars in the Economy

BASIC RESEARCH ALWAYS PAYS OFF IN ADDITIONS TO THE general store of knowledge. Often it pays off in a dollars and cents profit many times bigger than the initial investment.

The Municipal Technical Advisory Service in the Bureau of Governmental Research, College of Business and Public Administration of the University of Maryland, has made a number of studies which have been of real financial assistance to the taxpayers of Maryland communities.

An outstanding example is a land-use study of the City of Laurel. In this project the Department of Geography cooperated with the Service in making a detailed study of present uses of all land within the City. On the basis of this study and other assistance provided, the City has been able to apply for a Federal planning assistance grant to develop a comprehensive plan for the future development of the community.

In another significant case, the Town of District Heights obtained through the Service a study of land values, site planning, and cost studies for a Municipal Center. With this information the Town is now able to purchase land, project its financial planning, and develop architectural drawings for the Center at substantial savings.

At the request of the City of Cumberland, the Service made a detailed study of salaries and wages for over 400 municipal employees in order to develop a pay classification system, and job description for all city employees. Amendments to the City's Civil Service Code were drafted in order to implement the study.

These services of the Municipal Technical Advisory Service are advisory in character and are available to all municipalities in the State on request. Since its organization in the Bureau in July 1959, the Service has undertaken 95 projects, including: codification of ordinances and charters, annexation studies, ordinance drafting, traffic studies, utility rate analyses, purchasing practices, salary surveys, municipal administrative reorganizations, accounting practices, municipal reporting techniques, and numerous other projects relating to municipal government.

At the University of North Carolina's Fisheries Institute, research has uncovered techniques for oyster rehabilitation and has produced changes in shrimp fishing regulations, to name only two projects of the ten-year-old Institute. Its program of conservation and development of natural resources has been a boon to those who make their living from the sea.

Changes in the shrimp fishing regulations alone have increased the income of North Carolina shrimp fishermen by at least \$4 million over the past eight years.

Scientists at Georgia Tech mixed some sand, fire and a new idea to come up with a ceramic material now being fashioned into the re-entry nose cone for missiles. They estimate that production of the material will produce a new \$100 million a year industry.

The ceramic is fused silica made in a new, cheap (20 cents a pound) way. It can be used as exhaust nozzles for rockets; as the casing for an entire solid-fuel rocket or as the end of a giant telescope.

Research Means Better Health

RESEARCH IN THE BIOLOGICAL AND PHYSICAL SCIENCES IS securing a future of better health for the people of the region. Much of this research has drawn national attention to the universities of its origin.

A researcher in the College of Agriculture at the University of Maryland, Dr. Mary S. Shorb, made the first isolation and crystallization of Vitamin B-12. This research led to the extensive development and use of plant ration growth promotants in humans to the alleviation of pernicious anemia. It has also resulted indirectly in the widespread use of antibiotics in animal production.

During World War II the Department of Chemistry at the University of Maryland cooperated with many governmental agencies in the conduct of research concerning chemical warfare, insect repellants and insecticides, and antimalarial drugs.

The preparation of Pentaquine culminated one phase of work on anti-malarials. The drug was the forerunner of others now available which are truly curative drugs for malaria, not suppressives as are quinine and atebrene.

For his achievements in the synthesis of this and many other anti-malarials, the late Dr. Nathan L. Drake received the Hillebrand prize of the Chemical Society of Washington.

At Vanderbilt University a scientist working in anatomy and pediatrics received international acclaim a short time ago when he presented a paper on an electronically-controlled respirator to the International Conference on Medical Electronics.

That research resulted in an iron lung which breathes according to the patient's need for air, instead of an arbitrarily determined rhythm.

In 1952 researchers at the Medical College of Virginia found a reliable method of minimizing shock in the severely burned patient. They devised the Evans formula which predicts the type and amount of fluid a severely burned person needs during the first 48 hours of treatment.

This, too, attracted national attention to the region.

Nuclear Research

NUCLEAR RESEARCH HAS BECOME A VITAL PART OF THE total research program in a number of Southern universities. It figures prominently in the areas of medical research, space research, armaments and power production.

Much promising research is now underway under the direction of Dr. S. Fred Singer, of the University of Maryland,

leader of the Upper Atmosphere and Cosmic Ray Research Group, who is credited with development of a specific unmanned earth satellite proposal, called the "MOUSE."

When a one-and-a-half billion dollar atomic installation was constructed on a 315-square-mile tract along the Savannah River, the Atomic Energy Commission recognized that this would have serious effects on the natural life of the area.

For this reason, the University of Georgia and the University of South Carolina were asked to study the plants and wild life in the area. They observed first-hand the effect of the Savannah River Project on nature's delicate balance of plants and animals, and kept a wary eye out for signs of river pollution which would affect all forms of life, including man.

Researchers have already noticed that the large quantities of hot water discharged into the creeks drive away fish, but at the same time, the warmer water further downstream provides a Florida climate which increases fish food and makes fish multiply.

Research into the use and development of atomic energy is being incorporated into the fields of medicine, agriculture, physics, engineering, chemistry and even art at Louisiana State University.

Researchers there are following radioactive "tracers" through the blood in cattle searching for the cause of anaplasmosis, a dread livestock disease; following minerals through soils, plants and animals to analyze the effectiveness of fertilizer ingredients, and an LSUNO researcher is using tracers in an attempt to develop improved methods of separating fission product materials and impurities in uranium and thorium operations.

At the University of Tennessee, a physics professor and one of his students have constructed a giant microscope to track tiny particles of nuclear explosions.



Research Means Better Universities

EDUCATORS HAVE BEEN ALARMED FOR SOME TIME BY THE fact that such a large proportion of top students—those who win scholarships and fellowships in national competitions—choose to attend universities outside the Southern region. For example, in 1956, from a total of 556 National Merit Scholarship winners, only 16 percent went to Southern Institutions. Some 157 Southern students, or 28 percent of the total, received scholarships.



After these students graduate, some of them will not return to the South to work, and in this way the region loses some of its most promising young people. This is even more true of superior faculty members, whose preference for a university depends heavily on an institution's research vitality. Whether or not they remain will often be decided by the richness and variety of research opportunities.

There are numerous examples of outstanding research specialties in Southern universities.

As was mentioned earlier, the outstanding success of "Project Farside" brought personal congratulations from President Eisenhower to the University of Maryland physicist responsible for the design of the rocket's delicate instrument pay load.

At Maryland, expenditures for pure and applied research climbed steadily from \$897,484.14 in fiscal year 1949-50, to \$5,194,335.08 in fiscal year 1958-59.

Some examples of gifts and grants made available to the University within the first few months of 1960 are:

\$100,000 to the Agricultural Experiment Station from the Wye Plantation, Queenstown, Maryland, to conduct basic research related to beef cattle.

\$52,000 grant to the School of Pharmacy from the Cancer Institute, National Institutes of Health, to support a two-year steroid research program.

\$303,000 grant to the Department of Physics from the U. S. Signal Corps to support fundamental studies of the processes which occur in solid materials, including the interaction of electrons, sound waves and nuclei.

\$11,500 to the School of Medicine from the U. S. Public Health Service to study fungus infections of the yeastlike variety.

\$18,295 to Dr. Adalbert F. Schubart, Assistant Professor of Medicine and Head of the Division of Arthritis of the School of Medicine, for the study of abnormal serum factors in the blood of patients with rheumatoid arthritis.

Oklahoma State University's College of Engineering has achieved an international reputation for work on the mathematics of electromagnetic relay operations.

The University of Virginia is one of several Southern institutions whose atomic research has attracted a great deal of attention from industry, the armed forces and the general public. Besides the Atomic Information Center for the public, the university is conducting research on nuclear agriculture, nuclear medicine and nuclear engineering.

Programs of this kind tend to attract to university faculties, the men who are specialists in their fields and whose enthusiasm for their work is a vital tool for teaching of future scientists and researchers.

Industrial and scientific leaders across the nation are concerned with the question of research in American universities.

"Years ago basic research was done largely in European laboratories; here we often implemented those findings with goods to be made and used," said Crawford Greenwalt, chemical engineer and President of DuPont, in a recent discussion of American research. "We can't rely on other countries to turn up such basic research for us. We must do this as well as applied research. Remember, new ideas are the things on which industrial science builds."

DuPont spends some \$70 million a year on research. Of that, probably 15-20 percent goes to basic research. But like other industrial concerns, much of its research must be in the fields directly related to industrial potential. That leaves the real task for the universities.

But universities are not doing all they could because they don't have the money, Greenwalt said.

The solution, he suggests, is that government and industry recognize the extraordinary merit in the unrestricted grant for research—that is, a grant to be used in any way chosen by the researcher.

"You back a man you have confidence in and let him go to work. The organic chemist who discovered nylon didn't start out with any goal," said Mr. Greenwalt.

"Fortunately the South has the raw materials for progress: students, faculty, and schools to help replenish the nation's dwindling supply of basic knowledge," said Dr. Robert Anderson, director of the SREB. "It is up to us to determine how much of this raw material will be mined and used to fashion the plowshares of progress."

Dr. Opik Awarded Medal by National Academy of Sciences



DR. ERNST J. OPIK, VISITING RESEARCH PROFESSOR TEACHING astrophysics and geophysics at the University, has been awarded the J. Lawrence Smith Medal by the National Academy of Sciences. The award, made in recognition of Dr. Opik's outstanding investigations of meteoric bodies, was presented during the annual meeting of the Academy in Washington, D. C., in April.

In the study of meteors and their fiery trace through the earth's atmosphere, Dr. Opik is a pioneer. On the basis of research performed in the early 1920's, he worked out a theory for the interaction of high-speed bodies with the upper atmosphere. Opik's investigations were fundamental to an understanding of the ablation phenomenon—the peeling back of a meteor's surface as it vaporizes from the heat of atmospheric friction.

Since the nose cone of a rocket plunging back into the earth's atmosphere encounters the same destructive heat, Opik's original principles and observations were of incalculable value to the designers of space vehicles in their successful search for solutions to the re-entry problem.

Dr. Opik's meteor studies have also contributed to a better understanding of comets and asteroids. A colleague noted, "Dr. Opik has certainly contributed the greatest amount of ingenuity and originality to the problem of any one living."

In addition, Dr. Opik has made noteworthy contributions to other fields of astronomy and geophysics, among them studies of the planetary atmospheres of Mars, Venus and Jupiter, from which he has drawn conclusions about their surface properties.

Considered by many to be his most significant is Dr. Opik's theory of the interior structure of stars. He analyzed the role of mixing of the material inside a star and showed that in most stars mixing is confined to a central region or "core." The outside layers do not mix. Therefore, the stellar furnace burns mainly at the expense of the hydrogen fuel of the core, and the lifetime of a star is many times shorter than it could be if all the fuel were available. The theory of unmixed stars offers a solution to the riddle of giant stars: When the hydrogen in the core has been exhausted, the star expands to many times its former size and becomes a giant, with a superdense core and an inflated envelope. Dr. Opik has also applied the theory of unmixed stars to the sun, pointing out that resulting fluctuations of solar radiation may be the cause of the earth's ice ages.

Born on October 23, 1893 in Port Kunda, Estonia, Dr. Opik studied astrophysics at Moscow Imperial University, graduating with First Honors in 1916. He began his astronomical studies at Turkestan University in eastern Russia. He then served as astronomer and lecturer at the Tartu (Dorpat) Observatory in Estonia from 1921 to 1944, earning his doctorate in 1923 at the National University of Estonia. From 1930 until 1934, Dr. Opik was research asso-

(Continued on page 23)

Maryland Books and Authors

Edited by Mrs. Harold Hayes, Head, Maryland and Rare Books Department

REVIEWED BY GEOFFREY BRUUN
NEW YORK HERALD TRIBUNE

Aldridge, Alfred Owen. *MAN OF REASON: THE LIFE OF THOMAS PAINE*. Philadelphia: J. B. Lippincott Company. 1959. 348 pp. \$6.

THE ONLY MEANS of understanding Paine is through his ideas, Professor Aldridge observed at the conclusion of this detailed and objective study. The statement is true if by "understanding" Paine one means understanding his influence on the American and French Revolutions, his controversy with Burke, and the religious views that exposed him to the unwarranted charge of atheism. But Paine, the "Man of Reason," had other qualities besides a logical mind: he had his full share of human frailties. He was a vain, self-taught dogmatist, uncleanly in his dress and habits, addicted to drink, an incurable polemicist, and at times the casuist of his antipathies.

The chief value of this latest biography lies in its clear and consistent analysis of Paine's thinking. As a popularizer of new ideas he has had few equals and time has vindicated most of the conclusions he reached on political fundamentals. His failures—as an engineer, a businessman, an aspiring diplomat, and a legislator (in the French National Convention)—stemmed partly from his personal limitations, partly from the accidents of fortune. His successes—"Common Sense," the "Crisis" articles, "The Rights of Man" and "The Age of Reason"—depended on his ability to express the revolutionary principles and the concept of natural rights that won such wide support in the later eighteenth century.

How and where Paine imbibed these ideas is not important. They were in the air his generation breathed, winds



Dr. Aldridge

of doctrine fanned by "one great movement," as Robert R. Palmer has currently demonstrated in the first volume of his "Age of Democratic Revolution." Paine's egotism led him to deny any indebtedness to other thinkers and Mr. Aldridge wastes no time trying to identify which books or articles influenced him most. It was not the originality of his concepts that accounted for his strong influence but the independent, lucid and persuasive style in which he clarified and justified the new ideas.

How Paine perfected his singularly effective style is therefore a matter of prime interest. His manuscripts contain remarkably few corrections, a fact that seems to bear out the testimony of several observers that (especially after some glasses of brandy) "he wrote with great rapidity, intelligence and precision; and his ideas appeared to flow faster than he could commit them to paper." Yet it is all but inconceivable that much of his best writing, musical, memorable and imaginative, could have been composed and polished at such speed and in such circumstances. Mr. Aldridge, who has weighed everything that

survives with exceptional care, is convinced that "most of Paine's works were the product of solitary concentration."

There is an obvious explanation by which these contrary conclusions may be reconciled, but it is one that many people today, when learning by rote is out of fashion, find implausible. Paine's lazy interludes, his periods of "indolence and vacuity of thought" as one observer styled them, must have been hours of intense literary composition. He phrased, polished, and memorized whole paragraphs and even essays which he could then write out at high speed, when drink relaxed his critical hesitation sufficiently to release them.

Support for such an explanation may be found in his ability to recite long passages of poetry. Joel Barlow was by no means the only acquaintance who commented on his "surprising memory"—others who lacked Barlow's admiration for Paine mentioned his remarkable talent for verbal recapitulation. But the strongest evidence is that, even in later life, although he could recall little of others' writing, "he could recite all his own works by heart."

A biography written with such insight, balance, and scholarly care as this one is a tribute to the subject and the author. The chapter notes at the close, which constitute at the same time a useful bibliography, are a proof of patient and diligent research. Mr. Aldridge, who is a Professor of English at the University of Maryland, has used the new letters and essays by Paine which have come to light in recent years, and has uncovered relevant documents and papers in American and European archives that had remained unknown to Paine's earlier editors and biographers.

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Do You Remember?

THE ABOVE PICTURE IS ONE OF T. B. SYMONS WITH HIS FIRST CLASS IN ENTOMOLOGY. The year was 1903 and the students from left to right were: Thornton Deaner; E. R. Sasscer, deceased; Rodger D. Nicolls, 14 Hutton Street, Gaithersburg; Stuart B. Shaw, 4704 Calvert Road, College Park; J. G. Ensor, and E. Brown Sasscer.

The McKeldin Library is looking for various kinds of materials on the University and the State of Maryland. Already, it has received copies of a \$500 Confederate bill, a book on *Oaths of Fidelity in Prince George's County*, and a stock certificate for the Silver Bell Mining Company, Garrett County.

Anyone having materials to add to the Library's collection should contact Howard Rovelstad, Director of Libraries, McKeldin Library, University of Maryland, College Park, Md. or call WARfield 7-3800, x341.

UNIVERSITY SPORTS

By JOE BLAIR

Sports Editor

STAR STAFF PHOTO BY RANDOLPH REUTT



FOOTBALL COACH TOM NUGENT *addresses his spring crop of hopefuls.*

1960 Football Outlook

COACH TOM NUGENT OPENED SPRING football practice March 29. His 1960 varsity's first test was against varsity alumni May 7—the main attraction of this year's alumni spring reunion.

Nugent has a small squad again this year. But he and his staff feel that the returning lettermen and a group of talented freshmen can be molded into a representative team and one that can win.

Nugent and his Terps surprised the experts last fall as the Terps broke even with a rugged schedule, winning their last three games, largely on the great

performances of quarterback Dale Betty and end Gary Collins, an outstanding combination that returns this fall.

The Terps' schedule calls for games with each conference school along with intersectional games with West Virginia, Texas, and Penn State.

Nugent has 22 lettermen returning, 10 juniors and 12 sophomores from the '59 team. He lost 10 lettermen, eight of them linemen along with fullback Jim Joyce, the Conference leading ground gainer and star of the Blue-Gray and Senior Bowl games. Among

the eight linemen graduated are the star tackle to tackle fivesome, which is Nugent's top problem for this fall. Gone are veteran tackles Joe Gardi and Kurt Schwarz, guards Rodney Breedlove and Tom Gunderman, and center Vic Schwartz. They were considered the best interior line in the league last fall. This is a mammoth and most important job for the Terrapins.

There are fine backs in quarterbacks Betty, Dick Novak, and Jim Davidson, a first team halfback last fall; and halfbacks Everett Cloud, Dwayne Fletcher,

(Continued on next page)

Bob Crutcher, Joe Mona, Don Van Rensselaer and upcoming soph Tom Broumel.

The fullback spot appears to be the strongest with a trio of outstanding hard runners—Pat Drass, Ken Houser and John Forbes—returning after being out last fall.

The end position is another strong position. In Gary Collins and Vinnie Scott, the Terps have two of the best. In Collins, Maryland has one of its finest all-around end and pass receivers of all time. He is a genuine all-America candidate. Scott, too, is an exceptional all-around end and is one of the nation's finest place kickers. They are backed up by a fine pair in Henry Poniatowski and Norman Kaufman. They will be aided by a group of ends considered the best to enroll in the same class: Harry Butsko, Dick Corbin, Ed Rog, Walt Rock, Tom Rae, Mike Wing, and Andy Terifay.

In trying to solve the critical tackle to tackle problem, Nugent will use some veterans and mix in some of the newcomers that show so much promise. The two top returnees are junior tackle Bill Kirchiro and senior guard Pete Boinis. They should keep their starting assignments. Behind Kirchiro is letterman Dick Barlund and upcoming sophs Chester Detko, Norman Hatfield, and John Boinis. At the other tackle is letterman Lou Ingram with three newcomers working behind him: Roger Shoals, Gordon Bennett and Dick Jones.

Behind Pete Boinis is junior Tom Sankovich who lettered as a tackle last fall and two fine sophs in Tom Broumel and George Gatcha. The left guard spot is the one that has had all new faces trying out this spring. Holding the inside track is upcoming soph Joe Hrezo who is the finest prospect of all the freshmen linemen of last fall. Behind him is another standout prospect, Bob Moore. With them are Gary Jankowski, a red-shirt last fall, and Tom Laird, who didn't play last year because of illness.

At center, there are two veteran lettermen in Leroy Dietrich and Bob Hacker and a trio of freshmen, Dave Crossan, Bill Neveling and Ed Gilmore.

1960 SCHEDULE

Sept. 17	West Virginia at Morgantown
Sept. 24	Texas at College Park
Oct. 1	Duke at College Park
Oct. 8	NC State at Raleigh (N)
Oct. 15	Clemson at College Park
Oct. 22	Wake Forest at Winston Salem
Oct. 29	South Carolina at College Park
Nov. 5	Penn State at University Park
Nov. 12	North Carolina at Chapel Hill
Nov. 19	Virginia at Charlottesville

Sports Summary

1959 - 60

THE UNIVERSITY OF MARYLAND ONCE again dominated the winter sports picture in the Atlantic Coast Conference. Of the four sports, basketball, swimming, wrestling, and indoor track, Maryland won three Conference titles: swimming, wrestling and indoor track.

The basketball team had a successful season, winning fifteen and losing seven during the regular season schedule. They lost to North Carolina State in the opening round of the Atlantic Coast Conference Tournament. Their record in the Conference was nine wins and five losses which placed them third in the final Conference standings. The season was a success since it must be considered that Coach Millikan and his team received a severe setback with the loss of Charles McNeil and Bob McDonald during the Christmas holidays. McNeil had been the leading scorer in his sophomore and junior years and a leading candidate for All-America honors. Following the loss of these two boys Maryland was not considered to have a chance to have a good season, but the team jelled behind veterans Al Bunge and Jerry Bechtle and Sophomores Paul Jelus and Bruce Kelleher. Bunge won honorable mention All-America by the Associated Press, United International and *Look* Magazine. He was selected to the first team All-Conference on all selections and represented the University in the annual East-West All-Star Game in Madison Square Garden in March.

Coach Bill Campbell's swimming team had a very successful season. Their record was eleven wins and one loss. In the Conference they were undefeated in seven league meets. Individual champions in the Atlantic Coast Conference Meet held in the Maryland pool were Bob Kohl, Diving; and Ray Ostrander, Individual Medley and 100 yard backstroke, the 400 free stroke and 400

yard Medley Relay. In the Atlantic Coast Conference Meet, Maryland won six gold medals. The Championship was most significant for Coach Campbell and the swimming team inasmuch as this is only the fourth year that Maryland had had a varsity swimming team.

Coach Sully Krouse's Wrestling Team once again dominated the Conference as they were undefeated in five league matches to win the title for the sixth consecutive year. Maryland continues to remain undefeated in Conference wrestling since the league was founded six years ago. In the Atlantic Coast Conference Championships held at the University of Virginia, Maryland won nine of the ten individual titles. The season was highlighted with the appearance of the great University of Oklahoma team at Cole Activities Building in December.

Coach Jim Kehoe's indoor track team once again had a brilliant record and some brilliant individual performances. The indoor track team won the Conference title for the fifth year out of six. The Terps won the Atlantic Coast Conference title with eight first place winners and a tie for first place and set three records in the meet. New records were set by Dick Estes in the high jump, and Bjorn Andersen in the pole vault and the two-mile relay team. In the only dual meet of the season, Maryland beat their arch rival Navy 51 5/6 to 48 1/6. Kehoe's team competed in the various Garden indoor meets throughout the East and represented the University very well. In the IC4A Meet, Bill Johnson, the Terp outstanding hurdler, won the event and set a new record. Andersen tied for the pole vault title. In the VMI relays, Maryland won handily. In this meet Johnson tied a national record for the high hurdles with the time of 8.3 seconds.

The outdoor track team is expected to have an outstanding season.

Dr. Opik Awarded Medal

(Continued from page 18)

ciate and lecturer at Harvard College and Observatory. Following World War II, he was professor of astronomy and Estonian rector at Baltic University, Hamburg, Germany. In 1948, he was appointed research associate and astronomer of the Armagh Observatory in Northern Ireland and has since become its director.

Dr. Opik is a Fellow of the Royal Astronomical Society, and a member of the Royal Irish Academy, and the American, the German, and the Irish Astronomical Societies. Before its dissolution in 1941, Dr. Opik was a member of the Estonian Academy of Sciences.

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TROOPING THE LINE of his men for the first time is Col. J. Logan Schutz, Agriculture '38, new commander of First Btl. Gp., Eighth Cavalry. He holds saber of command received from Col. James E. Landrum, Jr., in a ceremony on Libby Ridge in the First Cavalry Division area of Korea.

LETTER FROM KOREA

Colonel J. Logan Schutz, '38, recently assumed command of the 1st Battle Group, 8th Cavalry, 1st Cavalry Division, Korea.

Col. Schutz writes: "My new command is one of the finest in the United States Army. The 8th Cavalry is the foremost unit of the 1st Cavalry Division, which, in turn, is the only U. S. Division on-the-line in Korea. My troops are disposed along the Demilitarized Zone (DMZ). In fact, I can look into North Korea from my observation posts.

"Of interest from the Maryland point of view is that I have a recreation center in my area which includes an education center conducting courses of instruction under the University of Maryland Overseas Educational Program."

While Col. Schutz is in Korea, Mrs. Schutz is residing in Lutherville, Maryland, with their children at the home of her parents.

BURDETTE IN PERU

Roger Burdette, '33, wrote a long Christmas letter from the interior of Peru. As a member of a team from the United Nations, he is on a marketing project to several countries of South America. Roger invites the alumni to

travel with him if you want to get inland, but "bring a sleeping bag as there may not be any hotels where you travel." He also claims the fish are extra large and willing to be caught. (His address is Espinar 875 B, Miraflores, Lima, Peru.)

VOSLOH GOVERNMENT ECONOMIST

Carl J. Vosloh, '50, is an Agricultural Economist in the Marketing Economics Research Division of the Department of Agriculture. His most recent article was entitled "Price Spreads for Formulated Poultry Feeds in Illinois," and appeared in the government publication *Agricultural Marketing* for December, 1959.

(Continued on next page)



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YOUR VALUES

The values we hold help us shape our goals and determine our behavior in attaining them, according to Jeanne S. Moehn, of the College of Agriculture.

We make choices according to our values. Some choices are based on rather standard values—like choosing clothes that are durable and well made.

We understand material values easier than the psychological ones that society has set for us and we have set for ourselves as individuals. There are values which a society holds for the group while each individual in that society has other values equally important to him.

For instance, society places a value on honesty while each individual places a different degree of value on this virtue. Even though hungry, one person may feel he must not take food that doesn't belong to him. Another individual may think it permissible, if he fails to obtain it in the "society approved" manner.

An individual may strive hard to attain the goal of higher education because he attaches a strong value to it.

Children begin to learn at an early age certain values that parents directly or indirectly pass on to them. The set of values parents have are a result of those society approves and others they've learned to live by as individuals and part of a family group.

Individuals may attach importance to other values like truthfulness and the value of good health. Today, a value in focus is that individuals are of equal worth.

"There are many contributing factors toward shaping one's set of values. Even for an individual, they change with age, opportunities, education and experience," concludes Mrs. Moehn.

4-H WINNERS

Maryland's delegates to National 4-H Conference in Washington are Carlton Ernst, Jr., Washington County; Sarah King, Frederick County; Marlene Clark, Allegany County; and Francis E. Gardiner, Jr., Anne Arundel County. Ernst is a junior in the College of Agriculture, and Miss King is a freshman in Home Economics.

The conference, held at the National 4-H Center, Washington, brings together representatives from each state and are selected because of their leadership activities on community, county, state and national levels. The program is planned to help young people gain a clearer perspective of the multiple influences affecting their lives in these rapidly changing times.

BOUMA AND LUNDQUIST AUTHORS

John C. Bouma, '48, and Arnold L. Lundquist, '50, are authors of an article by the U. S. Department of Agriculture entitled "An Efficient Grocery Warehouse Layout."

The authors graduated in Agricultural Economics and are marketing specialists in the Transportation and Facilities Research Division of the Agricultural Marketing Service.

**DR. HAUT SELECTED TO SERVE
POLICY COMMITTEE**

Dr. Irvin C. Haut, Director of the University of Maryland Experiment Station, was selected as an alternate for the Committee on Organization and Policy for the northeast region of the American Association of Land Grant Colleges and State Universities during recent meetings of the Association.

MAJOR FAVORITE TO ARMY LAB

Major Frank G. Favorite (Ph.D. '60, entomology) has been assigned to the United States Army Environmental Health Laboratory.

Major Favorite is a native of Washington, D. C. He received his Bachelor of Science degree at American University, Washington, D. C., and his Master of Public Health degree at the University of North Carolina. He entered the military service in 1940. Before his assignment to USAEHL he was stationed at the Third U. S. Army Medical Laboratory in Atlanta, Georgia.

DITMAN SHOOTS BULL

Dr. Lewis Ditman, Entomology Department, had the good fortune to shoot a bull moose while on a hunting trip in Canada. A few fortunate friends received morsels of mooseburger. Lewie invites all alumni to see his moose antlers and hear his experiences.

NATIONAL 4-H AWARD TO GOTTWALS

Abram Z. Gottwals, '38, has been named a national 4-H Alumni winner. This distinction is made annually to eight persons from all parts of the United States. Gottwals is a bank executive from Upper Marlboro, Md., and has continued his interest in 4-H work by launching the first 4-H Federation campaign among Maryland bankers.

The objective of the award is "to honor former 4-H members whose accomplishments, following 4-H Club membership, exemplify effective community leadership, public service to 4-H club work and success in their chosen careers."

Congratulations to "Abe" from the University of Maryland Alumni Association which he has also served with distinction.

BORDEN AWARD TO DR. SPECK

Dr. Marvin L. Speck, '35, was awarded the 1959 Borden Award in Dairy Man-

(Continued on next page)



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ufacturing. His fundamental research contributions have been in the field of nutrition of bacteria, particularly the isolation and amino acid composition of peptides stimulatory to the growth of the lactic group of streptococci. These studies have led to the development of a starter culture stimulant for improving cottage cheese manufacture.

The Borden Awards are given each year to scientists of the United States and Canada in nine different fields. The award consists of \$1,000 and a gold medal to each winner.

Dr. Speck was born in Middletown, Md., and received two degrees from the University of Maryland and a Ph.D. from Cornell. He served as bacteriologist for Western Maryland Dairy, the United States Department of Agriculture, University of Maryland, National Dairy Research Laboratories and is now on the staff of North Carolina State College.

MEETING ALUMNI

A pleasure of traveling is suddenly to meet an old friend, a former student or an alumnus. As I, Art Hamilton, entered the dining room at Michigan State University, East Lansing, Michigan, I was pleasantly surprised to meet Bill Taylor, '47. "Reds" is married and has two daughters. They reside at Blanchard, Michigan.

A. F. VIERHELLER RETIRES

Albert F. Vierheller has retired after 39 years of duty, as Extension Horticulturist at the University of Maryland.

Following military service in the First World War, Professor Vierheller established the horticultural study courses and field projects at the University for disabled ex-service men under a GI Bill. He later assumed extension field work with fruit growers throughout the State.

As secretary of the Maryland State Horticultural Society he has been closely associated with the formation of the Maryland Section of Appalachian Apple Service, a four-state growers' organization for apple promotion. He also assisted in the setup of the Maryland State Apple Tax Commission to administer a grower tax for apple publicity. He helped inaugurate the Maryland Fruit Marketers Cooperative to enter collective bargaining with fruit processors.

He has been active in church, fraternal and civic affairs, and served on the College Park City Council. He is a native of Parkersburg, West Virginia, where he graduated from high school in 1911. He and Mrs. Vierheller will reside in College Park where several interests will occupy their time.



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HIGH SCHOOL GERMAN CONTEST

Professor Cristophe Hering, Chairman of the Maryland Section of the American Association of Teachers of German, was state supervisor for their National Contest for high school students of German. Forty-eight Maryland students took the test this past March.

GERMAN-AMERICAN CULTURAL HISTORY

At the annual meeting of the Society for the History of the Germans in Maryland, Assistant Dean Augustus J. Prah, Professor in the Department of Foreign Languages, spoke on "Alexander von Humboldt" to honor the centenary of the death of the noted German scientist, explorer and natural philosopher. His talk, delivered on February 26th, emphasized von Humboldt's connections with the United States.

STUDENT'S SCULPTURE EXHIBITED

A life-size head in granite, entitled "Cossack," was among the entries selected by the jury for the 1960 Maryland Artists Exhibition at the Baltimore Museum of Art. The work was sculptured by Wasyl Palijczuk, a junior at the University.

Palijczuk, a graduate of Baltimore City College, is an art major and intends to follow a teaching career in art.

The stone used in this work was a discarded piece of granite lying near his dormitory. Wasyl said he had noticed it for some time and became intrigued with the potential sculptural possibilities suggested by the odd shape of the granite.

GENERAL RESEARCH BOARD GRANTS

Professor Alfred Bingham has just been awarded a grant from the Graduate School's General Research Board to complete an article on the *Recueil philosophique et littéraire* and the *Encyclopédie*. His research was initiated at the Bibliothèque Nationale.

Professor Marguerite Rand has also been awarded a graduate grant for further research on Azorín. He is considered the dean of Spanish letters today. Mrs. Rand went to Madrid to interview him in connection with the book on him she published in 1956.

(Continued on next page)

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DEPARTMENT OF ART NEWS

A one-man show of paintings by Donald Montano, a 1956 graduate in Fine Arts, was held last February in the Student Union. Mr. Montano served as a jet pilot in Japan and Korea, and the paintings were the result of his experiences there. He plans to continue his art study in graduate school this fall. Six of the fourteen paintings were stolen by thieves who broke into the locked exhibition area. The paintings have not been recovered.

Gouaches, drawings and oils by Associate Professor Herman Maril were featured in a one-man show held at the Bader Gallery, Washington, D. C., during February.

Mr. Mitchell Jamieson of the Department of Fine Arts spoke on "Aspects of Painting; Qualities of Painting Today and In the Past" at the third coffee hour sponsored by the AWS Cultural Committee, on March 23.

NEW FACULTY MEMBER

Dr. Gilbert Gordon will join the faculty in September as Assistant Professor of Chemistry. Dr. Gordon has been at Michigan State University, where he has completed his graduate work.

TENTH INTER-AMERICAN CONFERENCE ON THE CARIBBEAN

The University of Maryland was represented by Mr. Richard F. Allen at the recent Tenth Annual Conference on The Caribbean held at the University of Florida, Gainesville. The conference was organized by the School of Inter-American Studies, University of Florida, in cooperation with the International Petroleum Company, Ltd. The theme of the meeting was Education in the Caribbean. Mr. Allen's contribution to a round table discussion dealt with the significance of St. Augustine in the history of Spanish Florida.

DR. BULATKIN AWARDED FULBRIGHT GRANT

Dr. Eleanor Bulatkin, Assistant Professor of Foreign Languages, has been awarded a Fulbright grant for lecturing and research abroad included in the Fulbright program for the academic year 1960-61.

Dr. Bulatkin obtained an M.A. degree in 1951, and a Ph.D. degree in 1952 in Romance philology from Johns Hopkins University.

She has been a member of the University of Maryland faculty since 1948, except for the summer of 1949 when she taught at Johns Hopkins.

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MUSIC DEPARTMENT SUMMER WORKSHOPS

This summer the Music Department will present its third annual workshop in Band and Chorus. The workshops will bring together students from all over the state for a week of intensive work under two outstanding directors in the field of band and choral music.

The Band Workshop will once again be under the direction of Mr. James Neilson, of Oklahoma City University, who was so successful as the director of last year's group. Dr. Elaine Brown, founder of Philadelphia's "Singing City" and one of today's great choral conductors, will be director of the Choral Workshop.

A new feature of the 1960 series of Workshops will be a String Ensemble, conducted by Mr. Joel Berman, Assistant Professor of Music at the University.

The workshop will culminate in a joint concert of all participating groups to be held on July 15th, at which time the groups will perform the music prepared during the previous week.

MICROBIOLOGY NOTES

The third lecture in the 1959-60 series on "Theoretical and Applied Aspects of Modern Microbiology" was presented March 9, 1960 by Dr. Ned B. Williams, Professor of Microbiology at the School of Dentistry, University of Pennsylvania. The talk was entitled "Microbial Ecology of the Oral Cavity." It is felt that the first year for this new series of lectures has been a very successful one. The three events were well attended by university personnel and by guests from N.I.H., Walter Reed, U.S.D.A., Fort Detrick, and neighboring universities. Approximately 500 copies of each lecture are being mailed to individuals and departments throughout the United States.

Dr. Raymond N. Doetsch, Associate Professor of Microbiology, has been appointed to the editorial board of *Applied Microbiology*, an official publication of the Society of American Bacteriologists.

Several members of the Department of Microbiology spoke at the 60th General Meeting of the Society of American Bacteriologists held in Philadelphia May 2-6. Included on the program were Mr. E. C. S. Chan, Mr. Noel R. Krieg, Mr. Charles E. Buckler, Mr. Gerald L. Gilardi, Professor Michael J. Pelczar, Jr., Professor P. Arne Hansen, and Professor Raymond N. Doetsch. Reports of various departmental research projects constituted the subject of the talks. Professor Pelczar also served as convener for one of the general sessions during the course of this convention.

(Continued on next page)

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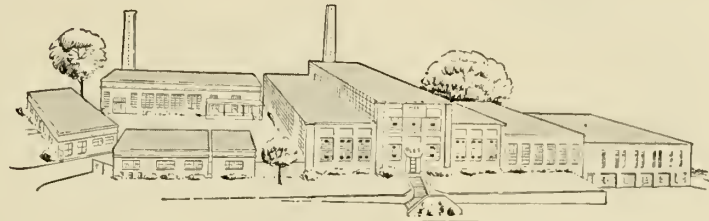
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ATTEND MEETING

Dr. Ellis R. Lippincott, Dr. William C. Purdy and Dr. Derek Steele of the Department of Chemistry attended the Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy February 29-March 4.

A SPANISH POET'S WIFE

The late Zenobia Jiménez, like her husband, the Nobel Prize winning poet Jiménez, taught Spanish at the University of Maryland. A writer herself, she played a unique role in her husband's life and work. Professor Graciela Nemes' lecture "Zenobia on the Life and Works of Juan Ramón Jiménez" was delivered on February 21st at George Washington University for the American Association of Teachers of Spanish and Portuguese. The lecture, accompanied by Mrs. Nemes' bibliography on Mrs. Jiménez, is scheduled for July publication in the *Inter-American Review of Bibliography*. As a sequel to the biography of the husband, Mrs. Nemes is preparing a study of the wife from unpublished sources in Puerto Rico and personal acquaintance.

CHINESE CULTURAL CENTER

The University Library has been recently presented by the Government of the Republic of China a complete set of the Histories of Twenty-Five Dynasties (Erh-Shih-Wu Shin) and 6 volumes of Three Hundred Master Paintings Reproductions, as a token of appreciation of the University's effort in promoting cultural relations between China and America. This set of 934 volumes is the only standard history of China, covering a period of more than 3,000 years, beginning with remote years of antiquity before Christ to the year of 1643 A.D. The volumes of Chinese paintings are exquisitely reproduced from the palace collections, covering the period of 650-1715 A.D. The donation was made possible through the suggestion of Mr. C. C. Chen of the Foreign Language Department to the Chinese Ministry of Education. Mr. Chen was the first Chinese alumnus of the University and joined the faculty in 1954 to teach Chinese language and Chinese civilization courses. He has also been promoting an annual conference on Chinese-American Cultural Relations on campus, and this year the sixth Conference was scheduled on May 13. Recently, Mr. Chen has assisted the editorial committee of the American Historical Association on the new edition of a Guide to Historical Literature by compiling Chinese and Japanese materials.



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Rabbi Meyer Greenberg, Director of the University's B'nai Brith-Hillel Foundation and teacher of Hebrew in the Department of Foreign Languages, is the author of "Social Characteristics of the Jewish Students at the University of Maryland" in *Jewish Social Studies*, April, 1960. The study is based on his doctoral dissertation for the Department of Sociology.

PIONEER SOCIOLOGY WORK
DISTRIBUTED TO COMMUNIST LIBRARIES

Over 100 copies of *The Sociology of American Life* by Dr. Harold Hoffsommer, Chairman of the Department of Sociology, have been received by journalists, universities, and libraries in such countries behind the Iron Curtain as Rumania, Czechoslovakia, Poland, Hungary, and Bulgaria.

The work was one of the earliest books to be selected for such foreign distribution by the International Advisory Council, Inc., working with the Free Europe Committee to provide satellite countries with literary and educational materials. Used campus-wide and overseas for the university's American Civilization Program, the new text (Prentice Hall, 1958, 628 pp.) holds a unique position as an authoritative exposition of American society. Dr. Hoffsommer has published some 45 other titles, was the national President of the Rural Sociological Society in 1959.

A number of letters from university officials, particularly in Poland and Hungary, expressed warm thanks for the book.

From Bratislava, Poland, came the message: "Please accept our warmest expression of gratitude for your generosity in making it possible for us to have your publication. The volume has been passed on to our scientists who specialize in the field of sociology and if a commentary be published in one of our reviews we certainly not hesitate to let you know it. The book, as a whole, seems to be indispensable for any scholar interested in the sociology of America."

Not all of the copies were so enthusiastically received. One was swiftly sent back from the Karl Marx Institute in Budapest, Hungary, marked "Retour!" However, some professors have already sent scientific publications in exchange.

The Free Europe Committee has selected works from university presses of Harvard, Princeton, Stanford and Yale, a book by Mrs. F. D. Roosevelt, and publications of the American Association for the Advancement of Science, among others.

(Continued on next page)

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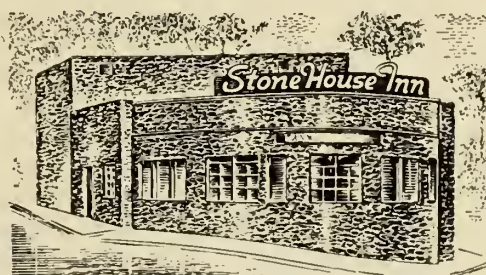
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A group of Maryland alumni recently gathered for a luncheon in honor of Dr. John H. Frederick, Professor of Transportation and Head of the Department of Business Organization. Work in Transportation as a major field in the College of Business and Public Administration began when Dr. Frederick joined the faculty in 1946.

The chairman of the group was Frank Smith of the Transportation Association of America. It is thought the group may enlarge by the addition of 10 or more others in the Washington area and become a permanent organization of transportation alumni. Thirty-eight attended the luncheon.

SHULL OUTSTANDING AGENT

Frank T. Shull, '58, who led the Washington agency of the New England Life Insurance Company in both volume and lives for the year 1959, was presented the Most Valuable Associate Award recently. Mr. Shull is the youngest man in the history of the agency to win this honor.

IRELAND ELECTED

Alfred W. Ireland, Jr., '37, has been elected President of the Association for Corporate Growth and Diversification. The organization serves as a forum for exchange of information among leading corporations on new products development, innovations, corporate diversification and corporate acquisition.

BUREAU STUDIES PUBLISHED

The Bureau of Business and Economic Research has recently published studies concerning two widely separated geographic areas.

A study of the European economic community, in two parts, was released late last year.

A study of non-agricultural employment in Maryland for the period 1939-1958 was published early in April. In addition to changes in total employment from year to year for the whole period.

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fluctuations in the proportion of United States employment attributable to Maryland are recorded as well. For the more recent ten-year period ending in 1958, mathematical trends and patterns of seasonal variation have been calculated.

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ALUMNI BREAKFAST IN WASHINGTON

The annual alumni breakfast held Tuesday, March 15, during the District of Columbia post-graduate meeting at the Shoreham Hotel in Washington, D. C., was quite successful. Approximately 80 attended.

President Harry W. F. Dressel welcomed the members and guests and spoke about plans for the coming June Week, also the Endowment Fund program. Dean Myron Aisenberg thanked the Alumni Association for their gift of \$2,500 toward purchasing television facilities for the Dental School. He informed us that the School is now engaging in important research activities and invited the alumni to visit and inspect the expanded facilities. He expressed appreciation of the ample coverage which the Alumni Association, through its "Alma Mater," gave to faculty news and to student matters. He announced that a "Katharine Toomey Award" will be given annually beginning June, 1960. Lewis C. Toomey, '42, and his wife Jane Boswell Toomey will sponsor the award.

Dr. Samuel A. Leishear, President of the District of Columbia Dental Society, was our guest and responded to recognition as did Dr. Israel Schulman, his General Arrangements Chairman.

Again we thank Ben Williamowsky, '48, Chairman, and Ashur Chavoor, '48, Co-Chairman, for arranging this excellent breakfast in the beautiful Palladian Room.

Alumni and Guests Attending Washington Breakfast

Class

- 1907 R. H. Mills, Washington, D. C.
Richard F. Simmons, Norfolk,
Virginia
- 1910 S. Vernon Strickler, Charlottesville, Virginia
- T. D. Webb, Washington, D. C.
- 1915 James H. Ferguson, Jr., Baltimore, Maryland

(Continued on next page)

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- 1928 W. C. Bashore, Bethesda, Maryland
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- 1937 F. Melvin Edwards, Red Bank, New Jersey
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Dental School, University of Maryland, have recently bestowed awards upon outstanding dental alumni.

On March 12, 1960, Dean Myron S. Aisenberg received the Distinguished Alumnus Award from the Rhode Island section. A 1922 graduate of the Dental Department of the University, Dr. Aisenberg has been associated with the Dental School as a member of its faculty ever since. He founded the Department of Oral Pathology and in 1940 was appointed Professor of General and Oral Pathology. He is a past president of the Maryland State Dental Association, past president of the National Chapter of Alpha Omega and is past president of the American Academy of Oral Pathology. He is a diplomate of the American Board of Oral Pathology and is now serving on the American Board of Oral Pathology. He is widely known for his contributions to the literature of dentistry.

At the third annual dinner meeting or the Rhode Island Section of the Alumni Association, which is held in conjunction with the Rhode Island State Dental Association, Dr. Joseph P. Cappuccio, '46, was presented their Distinguished Alumni Award. This is a worthy tribute to a most deserving young man.

Dr. Cappuccio is a graduate of the Rhode Island State College, earned his B.S. degree in 1943 and later his D.D.S. degree at the Baltimore College of Dental Surgery, Dental School, University of Maryland, in 1946. He was an intern in oral surgery at the University of Maryland from 1946 to 1947, and completed his fellowship in oral surgery the following year at the same institution. In 1948 he was appointed instructor in oral surgery at the Dental School. He has remained with the teaching staff of his alma mater on a full time basis since 1948 and presently occupies the position of associate professor of Oral Surgery and Anesthesiology.

On November 4, 1959, Dr. Gerard A. Devlin, '23, received the New Jersey Distinguished Alumnus Award. This indeed is a fitting tribute to a man who has always shown enthusiastic interest and support of his alma mater.

Dr. Devlin was formerly associated with Dr. Harry E. Kelsey of Baltimore in the practice of orthodontics. In 1929 he left Baltimore to engage in his specialty in New Jersey, where he has remained. He is a past president of his local dental society, a past president of the Middle Atlantic Society of Orthodontists and was elected president of the Alumni Association in 1957, but, because of his health, was unable to serve. He is a fellow of the American College of Dentists and a few years ago was elected to membership in Omicron Kappa Upsilon, honorary dental society.

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Dr. Ernest A. Charbonnel, '97, oldest living Rhode Island graduate of the Baltimore College of Dental Surgery, Dental School, University of Maryland, received the Medal of Awards from the Rhode Island State Dental Society on January 16, 1960, at the Biltmore Hotel in Providence. This award represents the highest honor that dentistry can bestow upon one of its colleagues in the state.

DR. MESSORE

Dr. Michael B. Messore, '30, this past June was elected to membership in Omicron Kappa Upsilon, honorary dental society. He is the first Rhode Islander to receive this accolade.

ELECTED

Dr. Frank P. Gilley, Magna Cum Laude, Baltimore College of Dental Surgery, Dental School, University of Maryland, 1945, is now serving as President of the Maine Dental Association. Dr. Gilley practices Orthodontics in Bangor, Maine.

Dr. Benjamin A. Brown, '28, of Ventnor, New Jersey, presently is serving as President of the New Jersey State Dental Association. Dr. Brown has held important positions in the American Dental Association and was a member of New Jersey's delegation to that body.

At the last meeting of the American Dental Association in New York City, Dr. Charles S. Jonas, '38, was inducted into the American College of Dentists.

APPOINTED

Dr. Milton B. Asbell, '38, was appointed to the New Jersey State Board of Dental Examiners. Dr. Asbell has practiced his chosen field of orthodontics in Camden, New Jersey, and has been for many years, very active in the affairs of dentistry on a local and national level.

Dr. C. Frank Sabatino, '34, is presently serving on the New Jersey State Board of Registration and Examination in Dentistry. Dr. Sabatino has been very active in civic as well as local, state and national dental organizations, having served as president of the Plainfield Dental Society and trustee of the New Jersey State Dental Society.

A recent appointment to the Rhode Island State Board of Dental Examiners is Dr. Edward C. Morin, '20. Dr. Morin practices his specialty of oral surgery in Pawtucket, Rhode Island, and has been, for many years, most active in Rhode Island dentistry.

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NEW HEAD COACH AT GEORGE WASHINGTON

New head football coach at George Washington University is Bill Elias, '48.

Elias played college football at Maryland and after his graduation was, for five years, coach at Richmond, Indiana, high school. He comes to George Washington from the position of back-field coach at Purdue University.

SLYE ASSUMES COMMAND

Captain Robert W. Slys, '36, recently assumed command of the Sanford Naval Air Station, Florida.

COLLEGE NEWS

Members of the staff of the College of Education contributed to the 59th Yearbook, 1960, *Rethinking Science Education*, published by the National Society for the Study of Education: Chapter I—"The College Dean Looks at the Purposes of Science Teaching," Vernon E. Anderson, Dean of the College of Education; Chapter VII—"Developing Science Programs in the Elementary School," and Chapter VIII—"Teaching and Evaluating Science in the Elementary School," Glenn O. Blough, Professor of Education; Chapter X—"Auxiliary Efforts to Improve the Secondary School Science Efforts," John P. Mayor, Professor of Education.

At the American Association of School Administration Annual Meetings in Atlantic City on February 13-17, 1960, Dr. Anderson served as interrogator for a discussion on "Conant Looks at Junior High Schools—A Preliminary Report"; Dr. Clarence Newell, Professor of Education, discussed "New Knowledges and Skills Through Internship"; Dr. Kenneth Hovet, Professor of Education, addressed a group on the topic "What The Test Makers Are Really Trying To Do" and Dr. Blough served as a member of the panel discussing this same topic; Dr. Clemens Johnson, Associate Professor of Education, participated in a discussion group on the subject "New Developments in Experimental Design and Sta-

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tistical Analysis"; Dr. James Hymes, Professor of Childhood Education, spoke on topic "Good Kindergartens."

Dr. Clemens Johnson and Dr. Richard Brandt, Professor with the Institute for Child Study, discussed with the Highland View PTA a report on Mathematics in the Elementary Schools of Montgomery County.

Ten students in the College of Education were initiated into Phi Kappa Phi at the beginning of 1960: Jerold Coffee, Joyce F. Cox, Ina S. Diener, Margaret L. Foster, Irvin D. Glick, Jo Ann Greasley, Mary C. Kalbfleisch, Bernard Kaufman, Carole L. Santo, Theresa J. Tierney. Students enrolled in student teaching in the College of Education who were also initiated into Phi Kappa Phi are: Barbara G. Dawson, Gloria J. Hack, Joyce T. Horrell, Miriam A. Lavine, Barbara E. Shufelt, and Jacqueline E. Spencer.

Dr. Anderson met with the principals of Wicomico County High Schools on March 2, 1960, to discuss "The Problem of Articulation from Grades 1 through 12."

Dr. Gladys A. Wiggin, Professor of Education, spoke at the meeting of the representatives of the Regional Evening Colleges on May 6 on the College Park campus and also led a discussion following her talk.

Dr. Mabel S. Spencer, Head of Home Economics Education, has written an article, "Home Economics Education—Changes in Content Methods, and Emphases During the Past Fifty Years," for *Forecast Magazine*. This article covers the period in the development of Home Economics Education from the early nineteen hundreds to the present time.

Dr. Helen Garsten, Dr. M. L. Keedy, Associate Directors, and Dr. John R. Mayor, Director of the University of Maryland Mathematics Project at College Park, present a complete description of the project in operation in Volume VIII, No. 2, February, 1960, "The Arithmetic Teacher" published by the National Council of Teachers of Mathematics.

Dr. Orval L. Ulry, Director of Summer School, announces the completion of the Bulletin "A Study of the Relationship Between Subjects Taken and Other Selected Factors for the Class of 1958, Maryland Public High Schools" for which the material was collected through the cooperation of the Maryland State Department of Education and the General Research Board of the University.

Dr. James L. Hymes participated as speaker at four National Conferences: Association for Supervision and Curriculum Development in Washington, D. C., "Family Living Affects Children's

(Continued on next page)



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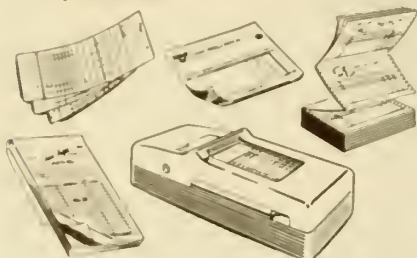
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Living in School"; White House Conference on Children and Youth in Washington, D. C., "Blue Print for the Future"; Association for Childhood Education International in Cleveland, Ohio, "Good Beginnings for All Children"; American Association of School Administrators in Atlantic City, "Good Kindergartens."

Over 2500 junior and senior high school students and educators and industrialists from various parts of the state visited the Department of Industrial Education at its Annual Open House on March 18 in the J. M. Patterson Building. The event featured activities carried on in the Department, an exhibition of the varied facilities and several exhibits from the public schools. Mr. Earl Bowler of the U. S. Office of Education was speaker at an open meeting during the day.

The President's Conference on Occupational Safety—Washington, D. C. —The following members of the Industrial Education staff participated: Edmund Crosby, Dr. Paul E. Harrison, Dr. Donald Maley, Dr. William F. Tierney, Kenneth Dawson and Henry J. Rokusek.

A nationwide research project sponsored by the American Industrial Arts Association is being conducted under the direction of Mr. James Hammond of Fitchburg, Massachusetts, in the Industrial Education Department. This project is concerned with the study of outstanding programs in Industrial Arts at the junior and senior high school levels.

The Industrial Education Department is currently developing a "Materials Testing Laboratory" which will contain a variety of testing machines and facilities for material analysis. The development of such a center is consistent with pioneering procedures and activities currently being carried on in the Department and will be used as an adjunct to activities carried on in other areas of the Department.

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tin Company since 1951 was in charge of phases of the B-57 Canberra program before becoming associated with the P5M. Prior to that he was at Wright Field, Ohio.

**DR. BOWLES CREDITED WITH
REVOLUTIONARY INVENTION**

Dr. Ronald E. Bowles, B.S. '47, M.S. '48, and Ph.D. '57 in M.E., was one of three civilian scientists at the Army's Diamond Ordnance Fuze Laboratories in Washington, D. C., who were credited with the invention of a family of control devices which use gas or liquids instead of electric current to operate the units and which have no moving parts. The inventors have successfully developed units which can perform amplification, feedback, digital computation, analog computation, normal mathematical functions, and memory. It is expected that the invention will have widespread usage in both military and industrial equipment and take a place in hydraulic and pneumatic systems similar to the position that the vacuum tube and transistor occupy in the field of electricity.

Dr. Bowles is currently Chief of the Non-Radio Systems Branch at DOFL.

DR. JAFFEE SPEAKS TO I.A.S.

Dr. Robert I. Jaffee, Ph.D. in Ch.E. '43, recently spoke on the subject "Refractory Materials" at the 28th Annual Meeting of the Institute of the Aeronautical Sciences in New York City. Dr. Jaffee is presently Division Chief of the Nonferrous Physical Metallurgy Division of the Battelle Memorial Institute of Columbus, Ohio.

**MORRIS APPOINTED TO D. C.
PLANNING COMMITTEE**

Mr. Robert L. Morris, B.S. '45, M.S. '50 in C.E., was one of three top level staff members appointed by the National Capital Downtown Committee to prepare plans for a revitalization of Washington's downtown business area. Mr. Morris, who is acting assistant commissioner of traffic for the City of Baltimore, will be in charge of the transportation aspects of the study. He has been working on Baltimore traffic problems for the last three years.

(Continued on next page)

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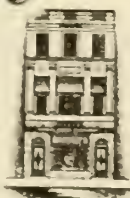
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BEBB WITH BUREAU OF RECLAMATION

Mr. Edward K. Bebb, B.S. in C.E. '40, is currently Property Management Specialist with the Division of Property Management of the Bureau of Reclamation, Washington, D. C. Mr. Bebb has been with the Bureau since 1950.

INGLIS DISTRICT ESSO MANAGER

Mr. Edwin W. Inglis, B.S. '43 in M.E., was recently appointed district manager for the entire Washington area by Esso Standard. Mr. Inglis has been assistant manager of the Washington area since 1956 and was associated with Esso's Baltimore office prior to that.

WHEREABOUTS

Mr. Constantine Makrides, B.S. in M.E. '48, is division engineer in charge of Mechanical Engineering for John I. Thompson and Company of Washington, D. C. He has recently become a registered professional engineer.

Mr. Richard L. McKisson, B.S. in C.E. '59, is with the Denver headquarters of Bureau of Reclamation.

Edward A. Miller, '50, was recently appointed manager of the Discoverer Program in the General Electric Company's Missile and Space Vehicle Department at Philadelphia.

Ben Barish, '47, has been named head of a new Project Management Department in the Tapco Group of Thompson Ramo Wooldridge, Inc.

Joseph T. Cook, '34, recently marked his 20th anniversary with the Colgate-Palmolive Company.

Harry B. Dixon, Jr., '50, has been appointed central regional service manager for the Controls Division of Hagan Chemicals & Controls, Inc., Pittsburgh.

RESEARCH FELLOWSHIPS ESTABLISHED

A Research Fellowship Foundation has been established by the National Sand and Gravel Assn. and the National Ready Mixed Concrete Assn. to support graduate study and research leading to the master's and the Doctor's degrees in civil engineering. Since 1939 these associations have supported a Joint Research Laboratory at the University under the direction of Stanton Walker, director of research for the association. The new foundation has been established to promote basic researches into the properties of mineral aggregates and concrete and to study problems related to the sand and gravel and ready-mixed concrete industries.

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McFADDEN HONORED

Charles P. McFadden, '26, was recently named "Engineer of the Year" by the Suffolk County Chapter of the New York State Society of Professional Engineers. Mr. McFadden received this honor in recognition of his outstanding services to the engineering profession and to the public in Suffolk County as Town Engineer in the Town of Huntington.

CASHELL PROMOTED

Charles F. Casshell, '31, recently received a certificate marking his promotion to a GS-15 employee at the U. S. Army Engineer Research and Development Laboratories, Fort Belvoir. Mr. Casshell is Assistant Chief of the Electrical Engineering Department.

School of

LAW

Dr. G. Kenneth Reiblich

275 ATTEND BANQUET

More than 275 alumni of the University of Maryland School of Law attended the annual banquet of the Alumni Association April 9 at the Sheraton-Belvedere Hotel in Baltimore.

Miss Mary Arabian, '44 and President of the Association, presided as toastmaster. She thanked all contributors for sending their contributions this year through the Greater University of Maryland Fund, and introduced the Honorable Joseph L. Carter, Chairman of the Scholarship Fund Committee for the Law School, and A. E. Cormeny, Director of Endowment and Development for the University.

The following officers for 1960-61 were elected unanimously and introduced individually by the Chairman of the Nominating Committee, Benjamin B. Rosenstock, '25: President, Layman J. Redden, '34; First Vice-President, Hon. Emory H. Niles, '17; Second Vice-President, Hon. W. Albert Menchine, '29; Third Vice-President, Rignal W. Baldwin, '27; Secretary-Treasurer, G. Kenneth Reiblich, '29. Executive Committee: Samuel W. Barrick, '52; Thomas

(Continued on next page)

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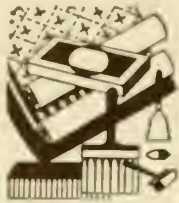
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Clare Green Duckett, '34; Samuel J.
Fisher, '09; Hamilton P. Fox, Jr., '47;
David Harkness, '38; Kenneth C. Proctor,
'32; Emma S. Robertson, '40;
Marvin H. Smith, '41.

Miss Arabian then introduced the
guests of honor: Wilson H. Elkins,
President of the University; Albin O.
Kuhn, Executive Vice President of the
University; Chief Judge Simon E.
Sobeloff, '15, and Judge Morris A.
Soper, '95, U. S. Fourth Circuit Court
of Appeals; Judges W. Calvin Chesnut,
'94, Roszel C. Thomsen, '22, and R.
Dorsey Watkins, '25, U. S. District
Court; Chief Judge Frederick W. Brune
and Judge Hall Hammond, '25, Court
of Appeals of Maryland; Chief Judge
Emory H. Niles, '17, Supreme Bench
of Baltimore City; Maryland Attorney
General C. Ferdinand Sybert, '25; Leon
H. A. Pierson, '23, U. S. Attorney for
Maryland; Enos S. Stockbridge, '10,
member of the Board of Regents of the
University; and Rignal W. Baldwin, '27,
President of the Baltimore City Bar
Association.

Dean Roger Howell welcomed the
graduating class to future membership
in the association and awarded honors
to the following students:

Order of the Coif: William A. Agee,
Allan B. Blumberg, Norman E. Burke,
Eugene H. Schreiber, George J. Sills,
Jr., Alva P. Weaver, III.

Honorary Membership—Order of the
Coif: Enos S. Stockbridge.

Maryland Law Review Certificates:
Allan B. Blumberg, Norman E. Burke,
Benjamin N. Dorman, Stephen M.
Ehudin, Edward J. Fisher, III, Julian
I. Jacobs, Howard J. Needle, Robert E.
Powell, Eugene H. Schreiber, Harry E.
Silverwood, Jr., Alva P. Weaver, III,
Beverly R. Williford.

Elizabeth Maxwell Carroll Chesnut
Prize: William A. Agee.

The Sam Allen Memorial Prize: Nor-
man E. Burke.

Lawyers Title Insurance Corporation
Prize: William A. Agee.

The Nu Beta Epsilon Prize: Robert
E. Powell.

Samuel S. Levin Prize: Benjamin N.
Dorman.

U. S. Law Week Award: Sander L.
Wise.

Wall Street Journal Student Achieve-
ment Award: Eugene H. Schreiber.

John T. Fey, '40, President of the
University of Vermont, who delivered
the principal address, called on all law-
yers to foster a new respect for law and
rights of the individual.

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- 5307 Balto. Ave., Hyatts., Md. WA. 7-1180
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"Unless we can preserve the rule of law . . . there can be no individual freedom, and the basis of American democracy will perish," he said.

Dr. Fey cited recent instances of disrespect for the rule of law, in some of which lawyers themselves were guilty of attacks upon the courts.

Lawyers should, he said, by virtue of their training and profession, take the lead in calmly delineating the issues of the day and should point to courses of action consistent with the tenets of the American Constitution.

SMOUSE MADE ASSISTANT ATTORNEY FOR MARYLAND

H. Russell Smouse, '58, has been named as an Assistant United States Attorney for Maryland. The announcement of his appointment was made by Leon H. A. Pierson, United States Attorney for Maryland.

Mr. Smouse previously served as an attorney in the torts section of the civil division of the Justice Department. He obtained that position under the honor program of Attorney General Rogers.

MATHIAS FILES FOR REPUBLICAN NOMINATION

Charles McC. Mathias, Jr., Law '49, recently filed for the Republican nomination to represent Maryland's 6th District in Congress, a contest which will be decided by a May 17 primary. Mr. Mathias is presently Republican representative of Frederick County in the Maryland House of Delegates. He has served two years as Assistant Attorney General of Maryland and as Frederick City Attorney. He was the only Republican elected to his county's delegation in 1958.

School of

MEDICINE

Dr. John Wagner

FUND HONORS DR. EDWARDS

The establishment of an endowment fund honoring Dr. C. Reid Edwards, who has been Professor of Surgery at the School of Medicine for many years, was announced recently at a luncheon held in his honor at the Western Electric Baltimore Works.

(Continued on next page)

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In addition to his association with the Medical School staff, which dates back to his internship in 1913, Dr. Edwards was Works Surgeon at the Western Electric Company from 1929 to 1953. In recognition of his long and outstanding service to both organizations, the Western Electric Company has made a substantial contribution to the fund.

Because of Dr. Edwards' special interest in the graduate training of young physicians, the fund will be used largely to support clinical research.

Dr. Edwards is a graduate of the School of Medicine. With the exception of years spent in active duty in World War I, he has been associated with the school ever since his graduation, both on the teaching staff and as a clinical surgeon at University Hospital.

STONE RETIRES

Mr. Joseph P. Stone, who retired recently after 44 years as a laboratory technician in the School of Medicine, was honored at a luncheon upon the occasion of his retirement.

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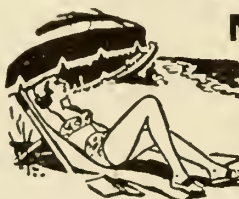


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DR. JONES TAKES STAFF POSITION

Dr. Bryant L. Jones, '44, was recently appointed to the staff in the medical service division of CIBA Pharmaceutical Products, Inc. Dr. Jones had been in private practice in Glen Burnie, Md., until he took up his new duties with CIBA. He was active as a medical newspaper columnist for *The Star* and *The Arundel Observer*.



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HEART-LUNG MACHINE IMPROVED

Open heart surgery is being made safer and easier through improvements in a heart-lung machine being developed by Dr. William G. Esmond at the School of Medicine with the aid of a continuation grant of \$20,968 from the National Institutes of Health.

The purpose of a heart-lung machine is to provide artificial circulation during operations upon the open heart. When the patient's blood is shunted through the machine his own heart can be stopped and the surgeon can repair any defects in a bloodless area. Hundreds of people are alive today only because this procedure has made possible surgical repair of their hearts.

Basic features of all such machines are simple and are somewhat similar. But ways to improve the machine and make its blood-purifying effect more like the body's own circulation are being looked for constantly. One improvement, development of a new oxygenator, which serves as the lung unit in the machine, was announced in 1958 by Dr. Esmond and Dr. R. Adams Cowley, chief thoracic surgeon at University Hospital.

This oxygenator, made of plastic, is disposable—it can be used once and thrown away. At University Hospital, where it has been in use for many months, it solves problems that had been encountered in cleaning and sterilizing the stainless steel oxygenators previously used.

This improvement and other more recent changes are all incorporated in a new heart-lung machine that starts quantity production this week by a team of local firms, working in cooperation with Dr. Esmond.

School of NURSING

Lillie M. Largey

SHORT COURSES PLANNED

Three nursing institutes are being planned by the School of Nursing for the coming year under the direction of

Dean Florence M. Gipe and members of the faculty

The first course, "Cardiovascular Nursing," will be held June 20-July 1 and will be conducted by Carol M. Hosfeld, head of the graduate program in nursing; Betty Lou Shubkagel, who heads the undergraduate program of medical and surgical nursing; Ruth Dyson, nutritionist; and others.

Several members of the Medical School faculty will also assist in the program, as will members of the Mary-

(Continued on page 51)

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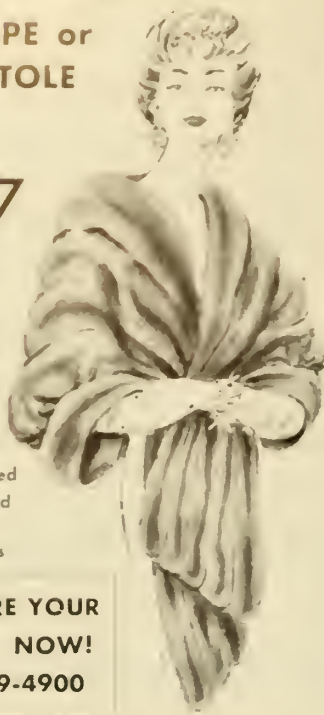
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The ATLANTIC SANDS MOTEL, which was built in 1959, is the most modern and beautiful motel in Rehoboth Beach, Delaware. It is located on the Ocean at Maryland Avenue. It is a four-story luxury motel which offers year 'round accommodations.

Mr. Frank S. Parker, owner and builder of the Atlantic Sands, has added many extras—not usually found in most motels. Each room has telephone connections, television, air conditioning and baseboard heat. The furnishings are ultra modern and very attractive.

On a clear day from the Sun Deck of the fourth floor, one can plainly see Cape May, New Jersey, which lies miles away to the North.

There are 68 fireproof luxury units each facing the ocean and all equipped with a sun deck for vacationing at its best.

Mr. Parker has been in the construction business for many years and his ability is evidenced in this perfectly beautiful vacation spot. The Atlantic Sands offers every comfort and luxury for the vacationer.

* * *

The GEORGE WASHINGTON HOTEL in Ocean City, Maryland, is owned and operated by Mr. and Mrs. Franklin Hastings. It is one of the fine hotels of the beach which has been completely modernized and redecorated.

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is still one of the most popular of all the resort hotels. The food and service rank among the best. Here the charm of the hotel and the Southern hospitality that exists, bring guests back year after year.

* * *

HARRISON HALL, Ocean City's newest hotel, is owned and operated by Mr. and Mrs. G. Hale Harrison. It is located on the Boardwalk at 15th Street and every room either faces the Atlantic Ocean or the Bay and some rooms have views with both exposures.

The hotel has recently added a convention room which will accommodate large numbers of convention visitors as well as an addition of forty bedrooms and baths.

All rooms have telephone service and are modern in every detail. Each season the hotel is completely gone over from stem to stern and repainted and redecorated.

The Harrisons personally supervise the hotel and are on deck at all times to see that their guests are comfortable.

The food at Harrison Hall is superb. Here guests find real "sho-nuf" Eastern Shore cookery at its best. A vacation at this resort hotel is one long to be remembered.

* * *

The LANKFORD HOTEL, owned and operated by Miss Mary B. Quillen, is one of Ocean City's older hotels. Miss Quillen has been the genial hostess at the hotel since its organization many

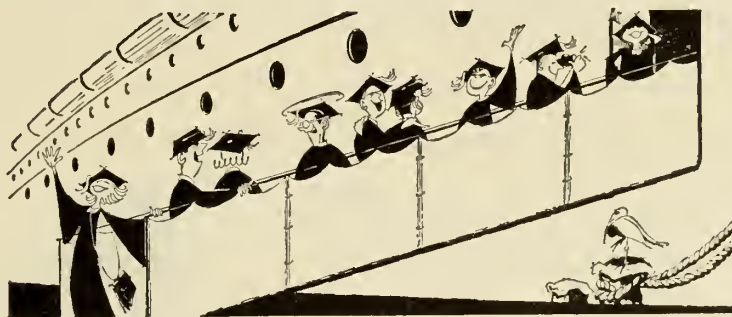


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Where C. J. Benson & Company sells the finest of furniture, they also have an extremely wide range of lower price furniture. A customer can purchase a lamp from \$10.00 to \$125.00; a complete dining room or bedroom suite from \$375.00 to \$3,000.00. Some of the fine lines carried by Benson's are Drexel, Heritage, Henredon, Hekman, Fine Arts, Morganton, Kindel, Kling, Stickley, Imperial, Kittinger, Broyholl, Molla, Salterini, Schoonbeck, Hickory, Townshend, Holland, Johnson, Pine Shops, Sligh, Lowry, Maddox, Norris, Craftique, Davis, Hampton, Old Colony Style, and Statton.

One service that the firm excels in is free decorative suggestions in conjunction with purchases. Their interior decorators will help customers place furniture properly in a room and suggest the right accessories for that room.

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Nursing

(Continued from page 47)

land Nurses' Association and the Department of Public Health Nursing of the Maryland State Health Department.

The second course, "Supervision in Nursing," will be held from September 12 to September 23 and is intended for nurses who hold supervisory positions in hospitals or wish to prepare themselves for such positions. It will be conducted by Helen G. Graves, Director of Nursing Service at Emory University Hospital, Atlanta, in cooperation with two staff members of University Hospital in Baltimore—Aurelia C. Willers, Director of Nursing Service, and Mary R. Northrup, Assistant Director in charge of pediatric nursing.

"Nursing in Tuberculosis," the third course, will be offered November 21-December 2, under the direction of Virginia Conley, Associate Professor in Nursing, and Frances P. Koonz, specialist in tuberculosis nursing in the School of Nursing and also at City Hospitals.

Each course carries two semester hours of college credit and may be taken either with or without credit.

School of

PHARMACY

Dr. Leslie C. Costello

SCHOOL NEWS

Dr. Francis M. Miller, Associate Professor of Chemistry, has returned to the School of Pharmacy after having spent one year in Germany on sabbatical leave from the University.

Dr. Norman J. Doorenbos, Associate Professor of Chemistry, along with his wife and five children, visited the parents of Mrs. Doorenbos in Hawaii for six weeks during the summer.

Dr. W. Arthur Purdum, Professor of Hospital Pharmacy since 1947, has been named Vice President in charge of Production and Development of Burroughs Brothers Manufacturing Company. He takes up his new duties immediately. Dr. Purdum is a graduate of the School of Pharmacy, receiving his Ph.D. in 1941. He has been Chief Pharmacist at the Johns Hopkins Hospital for fourteen years and has numerous publications.

The School of Pharmacy commenced its fall term with an Orientation Program for freshmen on September 14. This program included addresses by Victor H. Morgenroth, Jr., President of

(Continued on next page)

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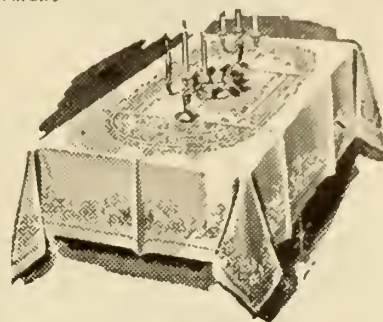
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the School of Pharmacy Alumni Association; Francis S. Balassone, Secretary of the Maryland Board of Pharmacy and Chief, Division of Drug Control; Joseph Cohen, Executive Secretary of the Maryland Pharmaceutical Association and Baltimore Metropolitan Pharmaceutical Association; Gordon A. Mouat, President of the Maryland Pharmaceutical Association; and Herbert Drukman, President of the Baltimore Metropolitan Pharmaceutical Association.

The freshman class included the largest enrollment for several years, a total of 78 students of which 12 were girls. The total enrollment for the 1959-60 scholastic year is 230, with 44 seniors. In addition, there were 23 enrolled in the Graduate School.

ALUMNI NEWS

Joseph Cohen, Ph.G. 1929, Executive Secretary of the Maryland Pharmaceutical Association and Baltimore Metropolitan Pharmaceutical Association, was re-elected to the Executive Committee of the National Conference of State Association Secretaries at a meeting in Cincinnati in August. He was also elected Vice President of the Metropolitan Drug Association Secretaries at a meeting in St. Louis in September. More recently, he was elected Chairman of the Drug Manufacturers Relations Committee at St. Louis, representing both State and Metropolitan Drug Association Secretaries.

Henry Seidman, Ph.G. 1929, received the Meritorious Award for 1959 of the Alpha Zeta Omega Pharmaceutical Fraternity at their national convention in Miami, Florida, this past summer.

Paul A. Pumpian, Secretary of the Wisconsin Board of Pharmacy, has been appointed Midwestern States Regional Chairman of the Greater University Fund. Pumpian, a graduate of the School of Pharmacy and the School of Law, served as Assistant Professor and Chairman of the Department of Pharmacy Administration at the University's School of Pharmacy and Lecturer in Dental Jurisprudence at the University's School of Dentistry. As regional chairman, he will be responsible for the organization of committees to solicit funds from the University's 1100 alumni in 11 of the midwestern states.

Elmer W. Nollau, B.S. 1942, has recently resigned as Director of Pharmaceutical Services at the Memorial Medical Center, Miners Memorial Hospital Association, in Williamson, West Virginia, to accept a position as Assistant Chief Pharmacist at the University of Chicago Clinics.

Dr. Marvin J. Chertkoff, Manager of the technical unit of the Quality Control Area of Merck Sharp & Dohme,

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Division of Merck & Co., Inc., has been assigned to the Marketing Section for an indefinite period. Dr. Chertkoff earned the B.S. in Pharmacy at the University of Maryland School of Pharmacy in 1951, and the Master of Science in pharmaceutical chemistry in January, 1954. He was subsequently awarded the Ph.D. degree at Purdue University.

Alumni Association
School of PHARMACY
University of Maryland

*B. Olive Cole, Chairman
Publications Committee*

ANNUAL VALENTINE DANCE

The annual entertainment and Valentine Dance of the Alumni Association of the School of Pharmacy afforded an enjoyable evening for more than four hundred persons who attended the affair in the ballroom of the Emerson Hotel, Baltimore, on Thursday evening, February 11, 1960.

Those in attendance included students and their ladies or escorts, faculty members, graduate students, invited guests and members of the Alumni Association and their wives. Dr. and Mrs. William S. Apple, Executive Secretary of the American Pharmaceutical Association; Mr. and Mrs. D. W. Bien, President of the Alumni Club of Baltimore of the University of Maryland; David L. Brigham, Director of Alumni Relations of the University of Maryland, and Mrs. Andrew G. DuMez were special guests on that evening.

Mr. Irving Cohen, Vice-President and General Chairman of the committees, welcomed the group in attendance. President Victor H. Morgenroth, Jr., expressed his appreciation of the large number in attendance and the work of the different committees. Dr. Apple brought greetings from the American Pharmaceutical Association, and Dean Noel E. Foss spoke for the faculty of the School of Pharmacy.

An unusual entertainment was presented by Mr. Nagindas K. Patel, with Indian drums, an Instructor in Pharmacy in the School of Pharmacy, and Mrs. Shakintala Vyas, soloist, Secretary to the Educational Attache, Embassy of India, in Washington, D. C. Mr. Pramod Vyas, husband of Mrs. Vyas, announced and explained the numbers rendered by Mrs. Vyas and Mr. Patel.

The Sappfield Girls—Mrs. Nancy Sappe and Carolyn Warfield, students

(Continued on next page)



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at the School of Pharmacy—presented a humorous skit. The orchestra of Stan Bridges provided music for the dance.

The souvenir program was of special interest, as it represented not only many hours of work of the members of the Program Committee, but also several thousand dollars for carrying on the work of the Association, this money including donations from manufacturers, wholesalers, retailers, associated organizations, patrons, members of the Alumni and their friends. A portion of the money will be used for student aid and scholarships for first-year students in the School of Pharmacy, including tuition and books for a year.

James P. Cragg, Jr., and Milton A. Friedman were chairman and co-chairman of the Program Committee. Alexander Mayer and Solomon Wiener were chairman and co-chairman of the Ticket Committee and secured a large and appreciative audience. Robert J. Kokoski was chairman of the Entertainment Committee. Samuel A. Goldstein was chairman of Place and Arrangements Committee and supervised the serving of ice cream and cake through the courtesy of the Meadowgold Ice Cream Company.

Prizes provided by the H. B. Gilpin Company, S. F. Whitman and Sons, I. & L. Company and the Owens Illinois Glass Company were distributed to those holding the lucky numbers. Mr. Albert Heydemann of the Gilt Edge Photo Service, Inc. provided photographs of the party.

This enjoyable affair has the cooperation of the selected committees, the members of the Association and also of many allied groups associated with pharmacy, with Dr. Frank J. Slama, Executive Secretary of the Association, as a watchful coordinator.

The annual business meeting of the Association was scheduled for May 15, 1960 in the Kelly Memorial Building, and the annual banquet honoring the graduating class and a number of class reunions, for June 2, 1960.

UNIVERSITY COLLEGE

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TOTTEN VISITS CAMPUS

Dr. Don E. Totten, Assistant Director of the European Division of the Overseas Program, visited the College Park campus during the last week of February. He conferred with Deans and Department Heads and University College

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officials concerning staffing and other instructorial problems.

In charge of the Maryland Program in France, Spain and Morocco, Dr. Totten is responsible for the scheduling of courses, the assignment of teachers, and other numerous administrative matters. Student enrollment in these three areas is more than 1,600 per term.

A Ph.D. from the University of Heidelberg (1955) in Geography, Political Philosophy, Geology, Dr. Totten's dissertation was recently published by a German firm (see the February, 1960, *Marylander*).

PHI KAPPA PHI INITIATES SIX UNIVERSITY COLLEGE STUDENTS

Among the sixty students initiated into the University of Maryland chapter of Phi Kappa Phi, national honorary scholastic fraternity, on January 16, 1960, were six from University College.

They were: L/Col. Edwin Arnold, L/Col. Frank Fischer, Capt. William Phillips, Capt. Robert Rambicur, Maj. Robert Rensema, and CWO Harry Roberts.

BOOTSTRAP BALL

The 1959 Fall semester campus bootstrap students held an inter-service "Bootstrap Ball" in mid-January. Over 150 students, wives, friends, and guests attended. The party was held at the Officer's Mess, Naval Weapons Plant, in Washington, D. C.

TWO RECEIVE COMMENDATION RIBBON

Two graduates are recent recipients of the Army Commendation Ribbon with Metal Pendant.

Lt. Colonel Thomas Laughlin, Jr., '56, who is presently stationed at Fort Benning, Georgia, received the award for meritorious service during his last assignment in Japan. Col. Laughlin was cited for his "constant initiative, keen judgment and exceptional administrative ability" as executive officer.

Major Roy L. Wood, '57, received the award for meritorious service in Korea. Major Wood was Policy Advisor to three senior members and two secretaries of the United Nations Command Component of the Military Armistice Commission. He was cited by Headquarters, United Nations Command in Seoul, Korea, for demonstrating outstanding ability in discharging his duties.

(Continued on next page)

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WITH THE SERVICE ALUMNI

Lt. Colonel Melvin M. Burnett, '56, USAF, has been assigned to the Air Force Ballistic Missile Division as Chief, Tactical Data Division of the Office of Administrative Services.

Captain Carl W. Sachs, '59, has been stationed in Boblingen, Germany, and is now a member of the Army's 29th Transportation Battalion.

Major Keith E. Hanssen, '59, recently completed the 22-week medical service officer advanced course at Brooke Army Medical Center, Fort Sam Houston, Texas.

ASSISTANT DEAN HONORED

Brig. Gen. T. Dodson Stamps, USA, Ret., University College Assistant Dean for Military Studies, has been credited with launching a project which resulted in the publication of a West Point Atlas of American Wars.

The highly prized Atlas, used for several years at the United States Military Academy as a textbook, was recently released to the public for the first time with the publication of the two-volume work by a New York firm.

The first comprehensive American history of its kind, the Atlas was compiled by the Academy's military art and engineering department whose chief, Col. Vincent J. Esposito, was the principal editor.

In his introduction, Col. Esposito credits Gen. Stamps, former head of the same department, with launching the project around 1940.

Since coming to the University of Maryland, Gen. Stamps has developed a two-semester sequence of courses in U. S. Military History which are now required in the Bachelor of Science in Military Studies curriculum. The Atlas of American Wars figured prominently in that revision and is being made available as collateral reading.

UNIVERSITY COLLEGE FEATURED ON TV

The University of Maryland Overseas Program was recently featured on a half hour TV program called "Passport." The program originated from station WMAR-TV in Baltimore.

Maryland's Governor, The Honorable J. Millard Tawes, University President Wilson H. Elkins, and University College Dean Ray Ehrensberger, all of whom have traveled overseas visiting the Overseas Program, took part in the discussion. Mrs. Elsie Kemper was the program moderator.

Miss Pat Ohl, Homecoming Football Queen last fall, and former student in the Munich Branch of the Overseas Program, also appeared on the program.

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Lt. Col. Kennard S. Vandergrift became director of Port Operations, Bremerhaven Port of Embarkation, last November. Col. Vandergrift is a past president of the European chapter of the University of Maryland Alumni Association.

Col. Vandergrift graduated from the University of Maryland in 1955 with a bachelor of science degree in Military Studies. Since 1957, he has been serving as Chief of Procurement at the Bremerhaven Port.

FIRST GOOSE GRADUATE

Mr. James L. Catt, an OSI Special Agent, was awarded the Bachelor of Arts Degree in General Studies in January ceremonies at Goose Air Base, Goose Bay, Labrador. He was the first graduate in the history of the Maryland Program at Goose Bay.

Starting with Term II of the 1957-58 school year, Mr. Catt completed a total of 54 semester hours of work with the University of Maryland, all at Goose Bay. His primary concentration was in the field of Government and Politics and his secondary was in Business Administration and Economics.

Mr. Catt has been named to the Dean's List, and he has an overall 3.3 average for all of his work taken with the University of Maryland. He has also studied at the University of Mississippi, the Ohio State University, and Bethel College, McKenzie, Texas.

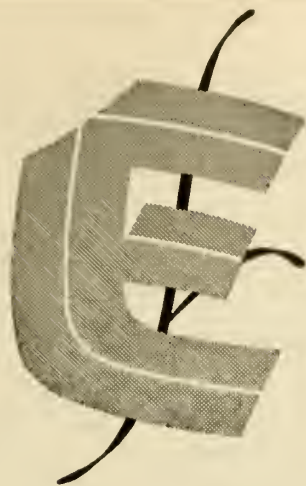
The degree was conferred on Mr. Catt in ceremonies following a banquet at the Goose Air Base Officers Club. Dean Ray Ehrensberger, of University College, conferred the degree and Mr. George J. Dillavou, Director of the Atlantic Division, presented the candidate. Colonel Robert W. Strong, Jr., Wing Commander, welcomed the graduate and the Maryland officials who had flown from College Park to be present for the occasion and commended the education program at Goose.

Colonel Strong presented Mr. Catt with the plaque for being the first to complete all of his college degree requirements while stationed at Goose.

The Maryland Program at Goose is the largest in the Atlantic Division this year. 150-200 students are enrolled in 10 to 12 classes each term.

The Goose Air Base Education Program is administered by Lt. Bill Robertson, the Education Officer, Miss Jeanette Fierek, Director of Education, and Miss Frankie Gabinette, who is Miss Fierek's assistant.

(Continued on next page)



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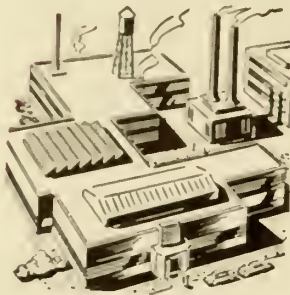
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DR. HORNBAKE TOURS OVERSEAS CAMPUS

Dr. R. Lee Hornbake, Dean of the Faculty, spent the month of October on an extended visit to the European Division of the Maryland Overseas Program. It was his first visit to the European Division.

Extensive conferences were held with the Director of the European Division, Brigadier General Herman Beukema, U. S. Army Retired, and the staff of the Heidelberg office. Dean Hornbake also visited the Munich Branch, meeting with the staff and faculty, and the United Kingdom Branch in London.

In addition to the conferences with University officials, Dean Hornbake visited more than 30 military education centers in Germany, France, and the United Kingdom, observing Maryland classes and talking with education advisers, faculty members, and students. Dean Ray Ehrensberger of University College accompanied Dean Hornbake during some of his tour.

The tour was made in the interest of verifying academic standards throughout the worldwide campus of the University. As Dean of the Faculty, Dr. Hornbake is responsible for coordinating faculty and administration efforts in matters pertaining to curriculum and instruction.

COMPLETED CAREERS

HERBERT R. O'CONOR

Herbert R. O'Connor, Law '20, died March 4 following a cerebral hemorrhage.

Mr. O'Connor was the only Maryland citizen to have served as Attorney General, Governor and U. S. Senator for the State. He was elected Governor of Maryland in 1938 and re-elected in 1942. His term as United States Senator began in 1946.

Mr. O'Connor had retired to private law practice in 1952.

DR. GEORGE A. BUNTING

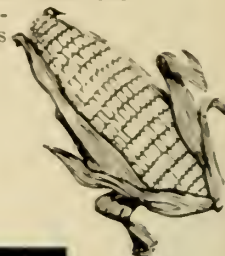
Dr. George A. Bunting, Pharm. '99, died recently following a heart attack.

Dr. Bunting is best known for his development of the greaseless cream, Noxzema. He developed this special product in 1914 after considerable experimentation. At the time he was the owner of a Baltimore drugstore, and he subsequently established the headquarters of the Noxzema Chemical Co. in

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The name of the product was coined by a customer who told Dr. Bunting that the cream "sure knocks eczema."

Dr. Bunting stepped down from the presidency of the company in 1949, in favor of his son, George Lloyd Bunting, but continued as board chairman until his death.

A liberal contributor to Washington College, he provided funds to build a library there and established a permanent endowment for students from Worcester County planning to enter Washington.

Dr. Bunting is survived by his son, a daughter, three grandchildren and his wife, Mrs. Nellie Bowen Bunting, whom he married in 1901.

DR. BERTRAND A. CHAPMAN

Dr. Bertrand A. Chapman, Med. '95, died suddenly at his home in Springfield, Vermont, recently. At age 91, Dr. Chapman was the oldest practicing physician in the state. He was the last surviving member of the original medical staff of the hospital in Springfield, the hospital which he conceived and lived to see grow into one of the most modern institutions of its size in the state.

OTHER DEATHS

Harry F. Schneider, Law '18, died following a brief illness on November 4, 1959. He is survived by his wife, two daughters and three grandchildren.

Alexander Gordon, Law '00, died at his home recently, after returning from a walk. He was 82 years old.

Dr. Amos F. Hutchins, a former teacher at the University of Maryland Medical School, died of pneumonia recently. Dr. Hutchins, who was 75 years old, had been ill for some time.

Dr. William C. Killinger, D.D.S., died recently at Sibley Hospital in Washington, D. C. Dr. Killinger had practiced dentistry in the District for more than 50 years and was the first dental inspector of the public schools there.

Thomas Clay, Sr., Ag. '21, died early this year.

George C. Walker, a graduate of the Maryland Agricultural College and retired real estate man of Prince Georges County, died at his home in Hyattsville recently.

C. Howard Brown, Mayor of Bladensburg and longtime town postmaster, died recently following a heart attack.

Dr. Roy S. Dearstyne, Ag. '17, former Head of the Department of Poultry Science at North Carolina State College, died after a long illness.

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The Cover: This issue of THE MARYLAND MAGAZINE features an article describing Commencement Exercises for the 2,828 men and women of the Class of 1960. Alumni Day and May Day, both traditional summer events, are the subject of separate articles. The reader will also find accounts of Baseball Coach Burton Shipley's retirement; a report of the football varsity's 34-6 win over professional alumni; a review of a new book by Dr. Elbert M. Byrd, instructor of Government and Politics; and a number of other news items concerning Alumni and University activities. On the cover of this issue new graduates of the School of Medicine tip their caps to the 1960 Class of the School of Nursing as the awarding of degrees is announced from the platform.

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Maryland

magazine

Volume XXXI

Number 5

Alumni Publication of
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Dr. Wilson H. Elkins
President of the University
David L. Brigham, '38
Secretary-Treasurer
Victor Holm, '57, *Asst. Secretary*
Harry A. Boswell, Jr., '42, *Past President*
Frank Block, '24, *Past President*
Joseph H. Deckman, '31, *Past President*
J. Gilbert Prendergast, '33, *Past President*
J. Homer Remsberg, '18, *Past President*
Col. O. H. Saunders, '10, *Past President*
Dr. Albert E. Goldstein, '12
Past President
T. T. Speer, '17, *Past President*
C. V. Koons, '29, *Past President*
Dr. Arthur I. Bell, '19, *Past President*

ALUMNI CLUB REPRESENTATIVES:

Baltimore—David W. Bien, '29
Carroll County—
Dr. Lawrence L. Leggett, '30
Cecil County—Dr. Fred S. Fink, '56
Cumberland—Reford Aldridge, '25
Eastern Shore—Otis Twilley, '21
Frederick County—
James V. Zimmerman, '37
"M" Club—George Knepley, '38
Montgomery County—
Robert W. Beall, '31
New England—George Kerleja, '25
New York—Harold McGay, '50
North Eastern Shore—
Robert W. Downes, Jr., '46
Overseas—Col. Ralph I. Williams, '33, '41
Pittsburgh—Dr. Joseph Finegold, '34
Prince Georges County—
Egbert F. Tingley, '27
Richmond—Paul Mullinix, '36
Schenectady—Mrs. Janice Mackey, '51
Terrapin—James W. Stevens, '19
U. S. Dept. of Agriculture—
William H. Evans, '26
Washington County—
C. Scott Couchman, '51



THE ALUMNI DIARY

THE CLASS OF 1960 has already established a record. More than 2900 crossed the commencement platform before some 15,000 enthused and impressed friends and relatives. Each was excited by the achievement of someone very close who had reached another milestone along the road to academic maturity.

As one of the 12 alumni officers privileged to meet the new graduates as they made the transition from student to alumnus, I found time for reflection even in the flow of mass activity. I thought of the novice who was seeing the great expanse of this colorful arena, the pageantry and the great walls of humanity surrounding the graduates upon whom the spotlight shone. Past experience, however, directed me to the individuals who made up this great assembly. It was not difficult to locate the proud parents who had given so much to bring this achievement for someone very near to them nor was it difficult to locate the partner-to-be with a face made radiant with dreams of the best part of life still ahead. Each had planned a gift for the new graduate on this important and significant day.

This led us to Emerson and his essay on gifts. It was he who said, "The only gift is a portion of thyself." He told also of the poet who brought his poem; the shepherd, his lamb; the miner, a gem; the painter, his picture; and, of course, the girl who brought a handkerchief of her own sewing. Perhaps most significant was his conclusion that, "A man's biography is conveyed in his gifts."

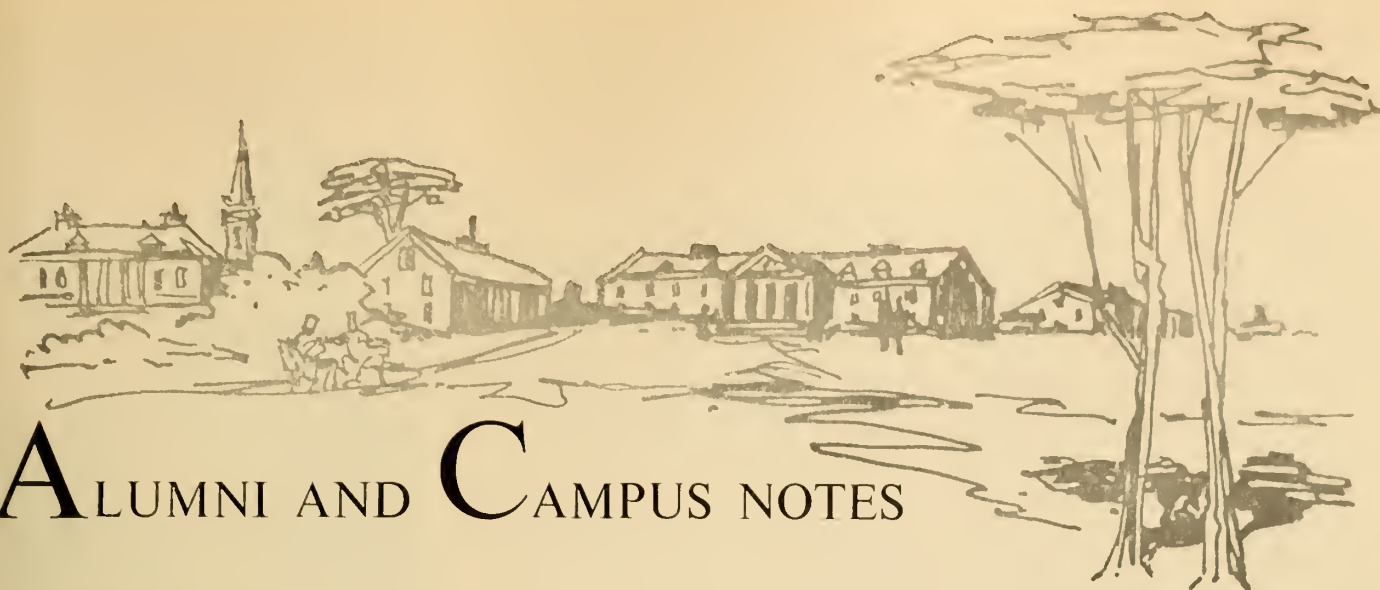
Suppose you as an individual desired to give someone the greatest gift within your power and suppose you set about to determine what that gift should be. First you would want something of lasting value, something that would not deteriorate and wear thin with use. You would not want it to fade or tarnish or even sluff away. How nice it would be to have the assurance that your gift would become brighter, more valuable, more durable and in fact, indestructible. Additional considerations might well be the continued growth of the gift; the fact that it could not be bought, sold or exchanged and above all, the assurance that it would be constantly in use. Such a gift you would wish for your children, your relatives, your friends and in fact for all mankind. This sounds fantastic, impossible and you are undoubtedly saying there can be no such gift. I would hasten to point out your error, for the answer to this riddle lies in the purpose of our Alumni Association and in the very existence of our University of Maryland. Review carefully each of the criterion and you will see the gift of a college education fits each category. The significance and impact of a formal and advanced education is not passed over lightly.

It has been well said that we had best look to the future for that is where we will spend the rest of our days. How better could we serve and still reap a harvest than by preparing young people for the tides and cross currents of life? We may give financial assistance, words of wisdom and encouragement or actually be involved in the transmission of some of the knowledge with which we have been endowed. In any case, the future is tied to the present and those who give an education have presented the priceless combination of heritage and opportunity to the fertile minds of youth.

As ever,

DAVID L. BRIGHAM
Alumni Secretary

ALUMNI AND CAMPUS NOTES



UNIVERSITY CALENDAR OF ACTIVITIES

JULY

27-29 Summer Theater—College Park.

AUGUST

5 Summer Session Ends — College Park.

8-13 4-H Club Week—College Park.

SEPTEMBER

6-9 Firemen's Short Course—College Park.

12-16 Fall Semester Registration.

12-23 Nursing Institute "Supervision in Nursing"—Baltimore.

19 Instruction begins—College Park.

NOVEMBER

23 Wednesday — Thanksgiving Recess Begins After Last Class.

28 Monday—Thanksgiving Recess Ends 8 a.m.

DECEMBER

20 Tuesday—Christmas Recess Begins.



DAVID L. BRIGHAM, Director of Alumni Relations, is shown presenting the Alumni Cup to Cadet 2d Lt. Joseph M. Brown. The award is offered each year to the best drilled Flight within the AFROTC cadet corps. Lt. Brown is a freshman in Arts & Sciences. The occasion of the award was AFROTC Day, an event held each spring on the College Park campus. Thirty-one awards were presented to students who excelled in air science during the year.

Giavasis to Direct Fund

The Office of Endowment and Development has recently appointed George P. Giavasis as the Greater University of Maryland Fund Director. Mr. Giavasis, a graduate of the class of '57, assumed his duties in June following a three-year tour of duty in the United States Air Force as a navigator. After graduating from the College of Arts and Sciences and receiving his commission from the University, he entered navigation training at Harlingen Air Base, Texas. From there he was sent on into advanced navigation and bombing school at Mather Air Base, California and finished his duty in Japan.

While at Maryland as an undergraduate, he served as President of Phi Delta Theta, social fraternity; Vice President of the Men's League; and for three years served as assistant to Joseph F. Blair, Director of Sports Publicity.

Originally from Catonsville, Maryland, Mr. Giavasis is now residing in Bethesda, Maryland, with his wife, a former student at the University, Mary Gayle Minton, and their one-year-old son, Nicholas.

Fund---Report in Brief

What has happened during the 1960 Greater University of Maryland Fund?

As of June 13, 1960, with more contributions coming in every day, the 1960 figures show \$196,130.27 in contributions. This amount was contributed by 2,110 alumni. The total cumulative amount, dating from January 1, 1958, now comes to \$385,505.27, contributed by 8,131 alumni. A complete accounting of the 1960 Fund drive will appear in the honor roll which will be sent out to all alumni during August.

Calvert Society Debates

This year was an unusual one for the University of Maryland debating team. The Calvert Debate Society, under the direction of Malthon M. Anapol, Instructor in Speech and Dramatic Art, "started well and ended well . . . but in between were some bitter disappointments." Thus was the record summarized by the *Calvert Chronicle*.

Student debaters participated in 19 tournaments, travelling 3,970 miles. Of the 230 decision debates, the Maryland team won 123 for a 53% average.

Two large tournaments occur each spring. The third annual Capitol Hill Tournament proved to be a success with 31 of the nation's colleges and universities represented. Final debate competition on the topic "Resolved: That Congress should be given the power to reverse decisions of the Supreme Court," took place February 27 in the Senate Caucus Room. The program included greetings by Hon. Thomas Clark, Associate Justice, United States Supreme Court, and a luncheon address by Senator Kenneth Keating of New York.

The fifth annual Maryland High School Drama and Forensic Festival took place on April 2. It was attended by 24 Maryland high schools with about 170 students entered.

In the words of the *Chronicle*, ". . . perhaps it can be considered a year in which Calvert matured a bit after the great spurt of growth which took place last year."



Mr. Lefrak

Lefrak's City of Tomorrow

Samuel J. Lefrak, B.P.A. '40, has undertaken to build a city within a city. His fabulous "city of tomorrow" will consist of twenty 16-story apartments located in the geographical center of the four major boroughs which comprise New York City. The site is a 40-acre tract purchased from the Astor estates in the borough of Queens.

Expected to cost in excess of \$100,000,000 Lefrak City—as the project will be known—will house more than 25,000 people in 5,000 family units. It will be the largest apartment house development in the world constructed with private conventional financing and without tax abatement or other government assistance. It will have an office building, two theaters and its own heliport; its own tennis courts, underground parking garages and ten olympic-size swimming pools, five outdoors and five indoors; fountains, formal gardens and recreation areas.

"The keynote of this project," Lefrak says, "is enjoyable living."

Lefrak City may have two important innovations built in, if present plans mature. Engineers of the Lefrak Organization are currently investigating the feasibility of an atomic power plant for the development. Research scientists at General Electric are working with the Lefrak organization to determine the possibility of making the project an all-electric city. With this simplified but efficient system each tenant would be able to control and regulate his own hot water supply, cooking, heating, cooling and ventilating.



THE PROFESSOR OF AIR SCIENCE of the University of Maryland's Air Force ROTC detachment has been honored "for significant contributions to aerospace education and national security." Shown here is Colonel Theodore R. Aylesworth receiving an Arnold Air Society citation from Brig. Gen. William J. Bell, Commandant, Air Force ROTC, at the society's annual awards ceremonies. The society is an organization of AFROTC cadets across the country. The citation praised Colonel Aylesworth for "distinguished leadership" in his AFROTC duties as Professor of Air Science at the University of Maryland. Twenty-one other AFROTC detachments across the nation also received Arnold Air Society citations during the 11th National Arnold Air Society Conclave held at Miami, Florida, April 29-May 2, 1960.

In spite of the elegant mode of living which will be available to the tenants of Lefrak City, rents will follow the middle income class pattern of other Lefrak apartment houses and average about \$43 per room per month.

Completion of the project is scheduled for 1964, to coincide with the opening of the World's Fair in New York City. Mr. Lefrak believes that his "city of tomorrow" may prove to be "the model for similar developments throughout the world."

Union Holds Open House

The Student Senate of the professional schools held open house at the new Baltimore Union May 11 for students and faculty of the Baltimore campus.

Director of the new \$1,500,000 building conducted two tours for the visitors. Mr. Ruttman, who has been Director of the Union since January, 1960, was formerly Director of the Medical Residence Hall at the Johns Hopkins University. He is a graduate of Michigan State University, where he specialized in institution management.

The Union, when complete, will house 195 students in 99 rooms. Among its other facilities are a book and instrument store, game room, barber shop, cafeteria, fountain lounge, roof terrace for dancing, meeting rooms, and lounges.

Resolution Honors Singer

Dr. S. Fred Singer, Professor of Physics, has been cited as one of the two American scientists who discovered the Great Radiation Belt surrounding the earth.

Senator J. Glenn Beall of Maryland and Senator Bourke B. Hickenlooper of Iowa recently introduced in the Senate a Joint Resolution recognizing and honoring Professor Singer and Professor J. A. Van Allen of Iowa, who have worked together in many cooperative space undertakings.

In introducing the Joint Resolution, Senator Beall stated, "Professor Van Allen made the discovery of the radiation belt through the use of the United States Explorer satellites. . . The theoretical existence of the Van Allen belt was advanced earlier by Professor S. F. Singer of Maryland."

The Joint Resolution is intended to "express to the two scientists connected with the discovery of the Great Radiation Belt some of the appreciation that the people of this country feel for their important work."

Better Newspaper Contest

The 1959 Better Newspaper Contest was held on the College Park campus this spring. The state-wide contest for both weekly and daily newspapers is

sponsored annually by the Maryland Press Association, in cooperation with the University of Maryland. Judging was by members of the West Virginia Press Association.

The Baltimore *News-Post* took first place in a competition for the best editorials open to both daily and weekly newspapers. Two other first place awards went to the *News-Post*. They were for the best news picture and excellence in typography. The Baltimore *Evening Sun* was awarded first place for general excellence among the dailies. A first place award for community service went to the daily Hagerstown *Morning Herald*.

In a competition for weekly newspapers with over 5,000 circulation, the Montgomery County *Sentinel*, Rockville, took first place for general excellence. The *Suburban Record*, Silver Spring, took first place in community service. Excellence in typography first place award went to the *Catholic Review*, Baltimore.

Three first place awards were won by the Denton County *Record* in a competition for weeklies under 5,000 circulation. They were for general excellence, community service and excellence in typography.

DeMarr Assumes New Duties

Frederick S. DeMarr, teacher and administrator at the University since 1953, has been appointed Dean of Men at C. W. Post College, Long Island, New York.

For three and a half years Mr. DeMarr served as an instructor in the Department of Government and Politics in the Overseas Program. In 1956 he was appointed Assistant Dean of Men on the College Park campus. In the recently organized office of the Executive Dean for Student Life, Mr. DeMarr has served as Assistant Dean since 1958.

Mr. DeMarr received his bachelor of arts degree from the University in 1949 and his master's degree in 1953.

In his last responsibility at the University Mr. DeMarr acted as coordinator of student activities, director of freshman orientation, general and financial adviser to student government and coordinator of religious activities.

C. W. Post College is a branch of Long Island University, a liberal arts institution, founded in 1926. Long Island has an enrollment of about 4,000.



SECRETARY OF THE TREASURY ROBERT B. ANDERSON was recently awarded the first honorary membership in Gamma Sigma chapter of Delta Sigma Pi, professional business fraternity. Members of the Maryland chapter conducted a formal initiation ceremony in the Secretary's offices at the Treasury Building. Attending the ceremony were Anthony A. Zdanis; Robert Towers; Thomas Morrissey, Past President of the chapter and President of the SGA; Dr. John H. Frederick, Head, Business Organization; Howard Boyer; Michael L. Myerson, in-coming President; Stewart D. Young, President; Dr. Allan J. Fisher, faculty adviser; Floyd Bridges; Dean James H. Reid; Dr. J. Allan Cook, first semester faculty adviser; Richard D. Hyde, Treasurer; Joseph S. Carr, Past President; Charles P. McCormick, Chairman of the Board of Regents.



The Grand Spectacle of Commencement

WOULD IT RAIN OR SHINE? The weather man wasn't sure and neither were the graduates who waited outside the Wm. P. Cole Student Activities Building. Assembled faculty members moved inside to await the signal to begin their procession, but the threatening clouds did not daunt the gowned students who gathered in formation on the outside. When the opening note of the Triumphal March from *Aida* was sounded, the students began marching toward their seats in a procession which lasted 25 minutes.

A record class had donned caps and gowns for the June 4 Commencement ceremonies. A short 15 years ago, Maryland University awarded degrees to 697 students. The 1960 class totaled 2,828 degree candidates—which amounts to a 400 percent increase. The number of graduates has been growing at a rapid rate since 1956, and this trend seems likely to continue throughout the foreseeable future.

When the procession was completed, the Reverend Dr. Carl R. Pritchett of the Bethesda Presbyterian Church pronounced the Invocation. His daughter, Mary Anna, was awarded a Bachelor of Science degree later in the ceremony.

The Honorable Thomas B. Finan, Secretary of State, Maryland, brought greetings to the assemblage for Governor Tawes, who was unable to appear. Mr. Finan said: "We may, I think, safely envision great progress in the whole field of learning in Maryland during the next decade. The enlargement and the improvement of the University of Maryland will, of course, figure prominently in this progress. I wish also to compliment Dr. Elkins and the faculty for their dedicated efforts in raising ever higher the academic standards of this institution."

Following the greetings brought by Mr. Finan, Charles P. McCormick, Chairman of the Board of Regents, spoke briefly to the gathering.

Principal speaker for the occasion was the Honorable Fred A. Seaton, United States Secretary of the Interior. Mr. Seaton is well known for his work in the fields of journalism, business, and government. A Nebraska newspaper and radio



executive and former United States Senator from that state, he has served as Secretary of the Interior since his appointment by President Eisenhower in 1956. Secretary Seaton first served in the Eisenhower Administration from 1953-1955 as Assistant Secretary of Defense. He has also served as Administrative Assistant to the President and as Mr. Eisenhower's Deputy Assistant.

TRACING THE THREE-CENTURY HISTORY of the United States—from the first settlements of Jamestown and Plymouth to the first raising, on July Fourth at Fort McHenry, of the nation's new fifty-star flag—Mr. Seaton said that the core of the American ideal remains the attempt to achieve a society in which "no man is unjustly discriminated against socially or politically or in his business or in the schoolroom of his children."

Secretary Seaton, commenting on the early Maryland experience with the concept of religious tolerance, said:

"Freedom as it has developed in Maryland, and throughout all the 50 States of the Union, has still other dimensions. Americans believe man should be free from the fear of

private individuals or groups who would take the law into their own hands, free from arbitrary actions of government, free to participate in politics and to choose his elected representatives. We also believe he should be free to take advantage of an equal educational opportunity for all, free to select his occupation, and free to advance in proportion to his own abilities and efforts.

"Basic to all of these freedoms is our firm belief in the dignity of the individual as a child of God. This we derive from our deep grounding in the philosophy of the Old and New Testaments. This we express in our Declaration of Independence, in the Constitution and the laws of the land derived from it, and we advance it through the personal consideration and courtesy of one man for another.

"Our concept of freedom is one of the most important parts of the national legacy which this graduating class inherits. It is intrinsically far more important than the standard of living which is the happy lot of American citizens.

"Automobiles, kitchen appliances, and television sets, no matter how much we enjoy them—and we do—are not the true measure of the way of life which you inherit in common





SECRETARY SEATON delivers the Commencement Address.

with your fellows. They are but some of its welcome byproducts.

"The main product, developed over three centuries of risk and fervent striving for the fulfillment of an ideal at the cost of countless lives, is the inalienable right of the so-called 'common man' to make of himself a most uncommon individual if he so chooses; to dream of the 'good life' and also to have the opportunity to achieve it."

Progress toward this ideal has not been steady or swift, Mr. Seaton continued: "... we can all recall to mind examples of intolerance and persecution, and things which have happened for which we must be ashamed." But, he said,

"... our system has the built-in ways and means by which progress can be made in every field of human interest. That is the important thing to remember. We do make progress in solving our social problems and in rectifying human wrongs, just as we make progress in science and technology. The alternative system, as practiced behind the iron curtain, can and does make material progress but at a terrible cost of human values. Rather than exalting the innate dignity of man, it destroys every vestige of it that it can.

"Expressed concern about the way things are going, and the offering of constructive criticism simply represent the proper exercise of prudence and the discharge of the duty of the watchful citizen. But to indulge in derogation and to spread divisiveness among our people is only to aid every enemy of America, within or without."

Describing some of the important contributions which foreign-born Americans have contributed to the American society, Secretary Seaton outlined the present Administration's proposal "to gain sensible amendments to the archaic and what

are, in some ways, even inhumane immigration laws of the United States." The proposal suggests doubling of the 154,000 annual quota for immigrants, liberalizing of the quotas for every country and moderation of "the features of existing law which operate unfairly against certain areas of the world." The proposal would "abandon the concept of race and ethnic classifications for the purposes of the recommended increases, and tie the annual over-all limitation on immigration to the current census rather than unrealistically to the 1920 census which is now the case.

"It would also make special provision for the absorption of many thousands of persons who are refugees—persons literally without a country as a result of political upheavals and their flight from persecution."

Concluding his address, Secretary Seaton told the 1960 graduating class that they had been "the beneficiaries of an excellent and unregimented educational system" and they had been "prepared to contribute much to the good of society here at home and abroad."

"Because of that and because you are what you are, I have every confidence you will discharge your responsibilities in full measure."

FOLLOWING THE ADDRESS, Dr. Wilson H. Elkins, President of the University, conferred an honorary Doctor of Laws degree upon Secretary Seaton.

An honorary Doctor of Engineering degree was conferred upon James E. Dingman, Vice President and Chief Engineer for the American Telephone and Telegraph Company. Mr. Dingman obtained a degree from the College of Engineering in 1921.

Robert Evans Snodgrass, cited as a "dedicated scientist, renowned scholar, and eminent leader in the field of entomology," was awarded an honorary Doctor of Science degree. For nearly 25 years he served as a special lecturer and counselor of advanced students at the University.

Honorary certificates of merit in agriculture were awarded to five Maryland citizens: Paul S. Hofmann of Baltimore County, Mrs. Mildred R. Kern of Caroline County, Mrs. Kathleen L. Robie of Prince George's County, Hubert L. Snodgrass of Harford County, and Paul M. Widdowson, Sr., of Wicomico County.

The procession of degree candidates across the platform began, following the honorary awards, and each candidate was given his treasured sheepskin. When the candidates from the Nursing School were announced, the M.D.'s stood, faced the girls and tipped their caps.

No longer students, members of the Class of '60 joined those graduates of previous years who make up the University's large body of loyal alumni. Each new graduate was welcomed into the alumni group and presented a membership in the Alumni Association.

Benediction was pronounced by the Reverend Robert B. Gribbon, Canon, Trinity Cathedral, Easton, Md. Rev. Gribbon's daughter, Sara Lee, and her husband, Ralph Evans, both received Bachelor of Arts degrees from the College of Education.



HONORARY DEGREES ARE AWARDED TO . . .

Secretary Seaton, Doctor of Laws

Mr. Dingman, Doctor of Engineering

Dr. Snodgrass, Doctor of Science

PRE-COMMENCEMENT celebrations on the Baltimore campus usually revolve around "June Week" activities which include banquets, award assemblies, dances, and alumni reunions. This year's calendar was full of activities.

The Medical School celebrated Alumni Day on June 2. Dr. Stanley E. Bradley, '38, Professor of Medicine and Chairman of the Department at Columbia University School of Medicine, received the 1960 honor award and gold key of the Medical Alumni Association. Certificates of life membership were awarded to the Class of 1910 of the University of Maryland Medical School, the College of Physicians and Surgeons, and the Baltimore Medical College.

Dr. Louis A. M. Krause was the principal speaker at pre-commencement exercises June 3, held in the auditorium of the new Health Sciences Library. Dr. Krause, who is Professor of Clinical Medicine at the Medical School and Chief of Medicine at Lutheran Hospital, is widely known not only for his work in internal medicine but also for his research in biblical archeology. He is a member of the American School of Oriental Research and has visited the Holy Land on several archeological expeditions. Prizes and honors were awarded to outstanding students by Dean William S. Stone, and a reception and tea was held for graduates and families in the new Baltimore Union.

A pre-commencement tea held June 1 at the School of Nursing honored members of the graduating class. The even-

ing before, the nurses had gathered for their traditional cap-stringing. The School's fluted cap, designed by Florence Nightingale, must be strung to fit each individual wearer. This year the cap-stringing ceremonies followed a dinner at Peerce's Plantation.

The 43rd annual banquet and dance of the Nurses' Alumnae Association was held at the Hotel Emerson June 3. Nine graduating seniors received special recognition for their outstanding performance as students. Class reunions were held and honor paid to those alumnae celebrating anniversaries of 50, 55, 60 and 65 years.

Ellis B. Myers, '28, Executive Vice President of the Read Drug and Chemical Company, received the 1960 alumni award of the School of Pharmacy at the annual banquet of the School's Alumni Association, held June 2 at the Baltimore Union. The occasion was in honor of the graduating class. Certificates were presented to ten 50-year graduates by Dr. Victor Morgenroth, President of the Alumni Association, who also installed the Association's newly elected officers.

Principal speaker at the Pharmacy Honors Convocation June 2 was Dr. Albin O. Kuhn, Executive Vice President of the University. Dr. Kuhn's speech preceded the awarding of honors to the School's outstanding students.

Major General Robert H. Mills, '07, who retired in 1946 from the U. S. Army Dental Corps after 37 years of service,

ALUMNI REPRESENTATIVES were on hand to welcome into alumni ranks graduates from each of the 14 schools and colleges. Each graduate was the recipient of a year's membership in the Alumni Association. Six alumni representatives are pictured here.

NURSING: Norma Long and Dean Gipe.

ARTS AND SCIENCES: W. Gilbert Dent and Dean Smith.

UNIVERSITY COLLEGE: Harry Boswell and Associate Dean Poffenberger.



received the Distinguished Alumni Award of the Alumni Association of the Baltimore College of Dental Surgery, Dental School. The award highlighted alumni activities held at the Dental School June 2-3. Dr. Kyrle W. Preis, Professor of Orthodontics and Head of the Department, received the faculty service award and David L. Brigham, Director of Alumni Relations of the University, received the honorary alumnus award. Student awards were presented by Dean Myron S. Aisenberg.

ANOTHER UNIVERSITY OF MARYLAND COMMENCEMENT was celebrated across the Atlantic. On May 28, President Elkins awarded bachelor's degrees to 124 persons enrolled in the European Division. Because of military reassignment of graduates, only 73 were on hand to receive their diplomas.

The ceremony took place at the University of Heidelberg, where over 1,000 dignitaries and guests had gathered for the occasion. Dr. Ray Ehrensberger, Dean of University College, presided. Brig. General Herman Beukema, USA, Retired, extended his greetings as Director of the European Division, and Mr. Edward F. Holter, Vice Chairman of the University's Board of Regents, extended greetings on behalf of that body. Miss Adele Stamp, University of Maryland Dean of Women, also attended the ceremony.

Professor Dr. Wilhelm Hahn, Rector of Heidelberg University, spoke to the gathering, extending best wishes to Heidelberg's "American Sister-University," affirming not only that "an excellent relationship exists between our University and the University of Maryland, but also between Americans and Germans as a whole."

The Commencement speaker was Willy Brandt, Governing Mayor of Berlin. Significantly, the date of the Maryland graduation marked the first anniversary of Soviet Premier Khrushchev's initial threat to drive the Western Powers out of the four-power city.

Mayor Brandt was elected Governing Mayor of Berlin in October, 1957. A Social Democrat since 1930, he fled West Germany for Norway in 1933 under threat of arrest by the Gestapo. Following the war, he represented Berlin for a year on the committee of the Social Democratic Party. He then became a member of the German Federal Bundestag (Lower House) during its first and second sessions. Since 1950 he has been a member of the West Berlin house of representatives (city parliament) and its President since 1955.

DEGREES AND CERTIFICATES CONFERRED

JUNE 4, 1960

GRADUATE SCHOOL		
Ph. D.		82
Ed. D.		12
M. A.		111
M. S.		138
M. Ed.		127
M. B. A.		25
Total		495
MEDICINE		84
DENTISTRY		97
LAW		106
AGRICULTURE		60
ARTS AND SCIENCES		
B. A.		295
B. S.		131
B. Mus.		2
Total		428
BUSINESS AND PUBLIC ADMINISTRATION		259
EDUCATION		
B. A.		47
B. S.		236
Total		283
ENGINEERING		237
HOME ECONOMICS		59
NURSING		54
PHARMACY		42
PHYSICAL EDUCATION, RECREATION AND HEALTH		49
UNIVERSITY COLLEGE		
B. A.		103
B. S.		472
Total		575
Grand Total		2,828

Speaking in English, Mayor Brandt called himself the spokesman for his fellow citizens of Berlin—"a representative of a city which is divided (in half) and exposed to pressure, but in which there is nevertheless a great zest for work and a feeling of deep confidence."

In discussing the problems of his city, Mayor Brandt said: "We in Berlin have lived through the horrors of the Hitler regime and we have not forgotten them. We in Berlin have

PHYSICAL EDUCATION, RECREATION AND HEALTH: David L. Brigham.

HOME ECONOMICS: Mrs. Erna R. Chapman.

EDUCATION: Dorothy L. Ordwein.





▲ THE HIPPOCRATIC OATH is administered to the 1960 graduating class of the School of Medicine by Dean William S. Stone, M.D., at precommencement exercises in the new Health Sciences Library, Baltimore.

experienced communist totalitarianism, and day after day we hear about the oppression which our fellow countrymen in the territories surrounding our city have to suffer at the hands of a regime which was forced upon them. We are determined to make personal sacrifices rather than contribute by our inactivity to a development which would once again deprive us of our rights and turn us into slaves. . . .

"When the Berlin crisis was launched out of the blue by a Soviet ultimatum in November, 1958, this was, among other things, an attempt to inflict a moral defeat on the West by making an example of this city. . . .

"The example of Berlin will show what the concept of . . . co-existence really means and how the global differences be-

tween opposite interests and ideological currents have to be settled if the danger of belligerent explosions is to retreat . . . more and more into the background. . . .

"Berlin is a touchstone where the sincerity of determination to relax tensions and to lessen friction between opposing international ideologies will be tested. . . . *It is a lie-detector for international politics.*"

He continued, "I am not at all pessimistic about the struggle ahead of us in the coming years and decades. I do not believe that the good will triumph automatically, but I do believe that ethical forces and spiritual values may bring victory in decisive situations."

▼ PRECOMMENCEMENT EXERCISES for the School of Dentistry graduates and alumni.





▲ VIEW FROM THE SPEAKER'S TABLE of the 35th Annual Banquet of the Alumni Association, School of Pharmacy, in the dining area of the new Baltimore Campus Union-Dormitory.

Speaking on education, Mayor Brandt, who is chairman of the trustees of both the technical and free universities, said, "It would be absurd to expect Germany today to be chemically purified of any trace of Naziism." But West Berlin's youth are not only critical of the past but are prepared to fight for a good cause. He concluded, "The sooner that young people learn about the responsibility of every single citizen to the state and to the international community, the better it will be for the task ahead of us."

In recognition of his outstanding leadership of the free people of West Berlin, an honorary Doctor of Laws degree was conferred on Mayor Brandt. He was cited as "the man above all others whose dynamic resistance to the East makes him revered as an individual and hailed as a symbol."

VICTOR H. MORGENROTH, JR., left, President of the Alumni Association, School of Pharmacy, presents the 1960 Honored Alumnus Award to Mr. Ellis Myers, '28, Executive Vice President and General Manager of Read Drug and Chemical Company, Baltimore.



▼ WILLY BRANDT, MAYOR OF BERLIN, presents the principal address at commencement exercises of the European Division, at Heidelberg University.



The Alumni Come Home

▼ THIS ALUMNUS-TO-BE OBVIOUSLY ENJOYED his barbecued chicken. The luncheon was held on the Student Union Patio.



THE 1960 ALUMNI DAY was a real success in several directions. Attendance and participation was the best ever and the weather man gave his broadest smile. The football game between the Varsity and a squad of 50 former greats, many of whom are now in professional ranks, was filled with action and color.

Focal point for Class Reunions, the traditional Chicken Barbecue Luncheon, and annual Business Sessions, was the Student Union Building. Attention was again directed to the "Five Year" reunion classes. As anticipated, excellent response came from the golden and silver anniversary classes of 1910 and 1935. Prominent among the 50-year returnees was Col. O. H. Saunders, a Past President of the University's Alumni Association. Maryland's drum-major and a majorette were on hand to greet this man who had served as the first drum-major at College Park a half century before.

Tracy Coleman, of the class of 1935, who has remained the class President since his freshman year, led a group of nearly 75 who not only had reunion sessions during the day but climaxed the occasion with an evening banquet. President Emeritus, Dr. H. C. "Curly" Byrd, addressed the class and highlighted his remarks with an expression of the satisfaction a person receives in noting the success and achievement of those in whom they have an indirect but very personal investment.

Those returning from the class of 1910 in addition to Col. Saunders were: Herschel H. Allen, William J. Frere, Frank James Maxwell, Walter Dayton Munson, Clarence William Strickland, and an unexpected but welcome addition, Dr. Alexander J. Maysels, a graduate of the Medical School in this same year.

Other features of the day included a morning coffee hour, a triangular track meet and a post game dessert hour. The Home Economics alumnae held a special session in the Maryland Room of Margaret Brent Hall to honor Dr. Selma F. Lippeatt, Dean of the College. Mrs. Erna R. Chapman, President of the Home Economics Alumnae Board, introduced the Dean for an address on the subject, "Looking Ahead in Home Economics." Special guests included President Elkins, the Executive Vice President, Dr. Kuhn, and others of the University family.



◀ COL. O. H. SAUNDERS (U. S. ARMY, R.E.I.) relives past glories when he was the University's first drum major. Helping him don the tall hat are Patricia Hershberger, a drum majorette, and Michael Board, drum major. Col. Saunders was on hand to help the Class of 1910 celebrate their golden anniversary.

▼ PARTIAL VIEW OF THE annual barbecue luncheon staged outdoors on the patio and grounds of the Student Union Building.





HOME ECONOMICS ALUMNAE paid honor to their college's Dean, Dr. Selma F. Lippeatt, shown on the far right. Also facing the camera were Mrs. Miriam L. Beall, '31; President Elkins; Mrs. Erna R. Chapman, '34; and Dr. Albin O. Kuhn, Executive Vice President of the University.



Miss Husted is 1960 May Queen

CROWNING A QUEEN AT THE TRADITIONAL MAY DAY CELEBRATION is the equivalent of crowning four years of dedicated service by a University woman.

Harriet Husted was selected this year to wear the crown of the May Queen. This outstanding senior woman was active in the Associated Women Students, serving as President of that body. She was selected this year for *Who's Who Among Students in American Universities and Colleges*, chosen on the basis of service to the University. Miss Husted was tapped for Mortar Board last year. Chief among her other activities were her duties as captain of the Drum Majorettes. Miss Husted received a B.S. degree at the commencement ceremonies and plans to be married in July to Wayne McGinnis, Phys. Ed. '59.

Runners-up to Miss Husted were Betty Conklin and Connie Cornell. The AWS Women's Employment Conference this

year titled Miss Conklin "Miss Future Success." She was a member of Alpha Lambda Delta and Phi Kappa Phi scholarship honoraries, and served as president of the junior class and vice president of the senior class. Miss Cornell is best known for her work with the University Theater. She played the lead in the UT Production "Come Back Little Sheba" and was a member of the National Collegiate Players. Both Miss Conklin and Miss Cornell were selected for *Who's Who*.

In addition to crowning the queen, 11 new members of Mortar Board were tapped.

The theme of the May 10 celebration was "May Day Around the World" and many of the participants were dressed in costumes from other countries. Children of the alumni and faculty took an active part as flower girls and crown bearers.



Maryland Books and Authors

Edited by Mrs. Harold Hayes, Head, Maryland and Rare Books Department

Byrd, Elbert M., Jr. *TREATIES AND EXECUTIVE AGREEMENTS IN THE UNITED STATES*. The Hague: Martinus Nijhoff. New York: W. S. Heinman, 1960. \$8.00.

DR. BYRD HAS ENTERED the controversy of the constitutional role of the Executive in foreign affairs with the intention of showing a pattern in the many apparently irreconcilable conflicts. While this book does not pretend to cover the subject of treaties and executive agreements exhaustively, it is a forceful challenge to the concept that treaties and executive agreements supported by a simple majority in both houses of Congress may be interchangeable, and to the "inherent powers" doctrine. A novel theory is presented as a basis for determining the proper use of treaties and specific occasions when various types of executive agreements should be used.

The arguments against the "inherent powers" doctrine include a direct attack against elements of the Supreme Court's *Curtiss Wright* decision (299 U.S. 304) challenging the possibility of defining the distinction between internal and external affairs; suggesting the powers of Texas should have cautioned Mr. Justice Sutherland in his statement that the states "never possessed international powers"; and saying writers "who uncritically accepted the inherent power doctrine . . . apparently accepted the biased American history given in the opinion . . .". *International Executive Agreements*—a very comprehensive book written by Wallace M. McClure (1941) is summarily dismissed, principally for providing "no overt theory"; and the articles in the March and June



Dr. Byrd

1945 issues of the *Yale Law Journal* by Myres S. McDougal and Asher Lans are noted as resting on the "inherent powers" theory and therefore unacceptable. "If treaties and Congressional Executive agreements are wholly interchangeable, there no longer remains a constitutional distribution of powers; and if an inherent power doctrine prevails, there no longer remains constitutional government." These articles, with the opposite view expressed in the 1944 *Yale Law Journal* at page 664 by Edwin Borchard, and McClure's book, should be associated reading. The cute little war in the footnotes with Edwin S. Corwin shouldn't be missed.

The conclusion as to differentiation in the use of executive agreements and treaties depends upon the philosophy that powers reserved to the states by the 10th Amendment, while limiting Congress in its ability to support an Executive agreement, do not limit two-thirds of the Senators present with the Executive. The concept, novel today, though suggested by Jay, is that the President and Senate form a fourth branch of government, the treaty-mak-

ing branch, based upon the new theory that framers of the Constitution intended that Senators serve their separate states as Ambassadors with plenary powers.

The bibliography, definitions, and suggested research deserve consideration. Chapters treating subject matter in a unique manner are "The Founding Fathers on Foreign Affairs" and "Treaties Made by the Founding Fathers," though it is recommended that the concluding chapter be read first to understand the complex presentation.

Elbert M. Byrd, Jr., instructor of Government and Politics, University of Maryland since 1957, received a Ph.D. in 1959 from the American University, Washington, D. C., has also attended the University of Alabama; the United States Army Strategic Intelligence School; and the Johns Hopkins University.

REVIEWED BY

HARRY A. BOSWELL, JR., '42

*President of the University of Maryland
General Alumni Council*

Mr. Boswell is a modern version of the old tidewater Maryland and Virginia concept of a man with broad interests, including law, economics, engineering, sociology, and political theory, approached from both a practical and scholarly viewpoint. He is Chairman of the Maryland Economic Development Commission; Senior Member, Harry A. Boswell Associates, Urban Research and Development; and President, Harry A. Boswell Company, Realtors. Traveled widely in Europe, Asia, and the United States, he has attended numerous universities and technical schools, graduating from the University of Maryland with first honors in 1942.



Do You Remember?

THE ABOVE PICTURE IS ONE TAKEN IN 1905, ON THE FIRST corn improvement train run east of the Mississippi. From left to right (with their positions at that time): William L. Amos, Director of Farm Institutes; Walter R. Harris of Kent Co. (standing) (Mr. Harris identified the year the picture was taken); Dr. H. J. Patterson, Director of Ext. Station; E. W. Silvester, President, M.A.C.; E. I. Oswald, County agent; Charles A. Councilman, Board of Trustees, M.A.C., Baltimore County; W. T. L. Taliaferre, Prof. of Agriculture, M.A.C.; A. D. Shamel, University of Illinois; G. Gittings Merryman (Sr.), member of Board of Trustees, M.A.C.; Weber of U.S.D.A.-B.P.I.; Dr. Joseph R. Owens, Registrar & Treasurer of M.A.C.; Litig, invited member of the group.

According to Dr. T. B. Symons, the corn improvement trains were sent out by the Farm Institutes for the education of farmers. The Coach was owned by the Farm Institutes,

University of Maryland, and went wherever there were trains. The farmers would come onto the train to see the exhibits, hear the lectures, and talk with the specialists and have their questions answered.

This picture was found in the picture files of the Maryland & Rare Books Department, McKeldin Library. This Department is searching for materials of all kinds on both the University and the State in order to build up a complete collection for the State and the University Community. Anyone having such materials should contact:

Howard Rovelstad, Director of Libraries, McKeldin Library, University of Maryland, College Park, Maryland. Tel. WARfield 7-3800, x341, or Mrs. Harold Hayes, Librarian, Maryland & Rare Books Department, McKeldin Library, University of Maryland, College Park, Maryland. Tel. WARfield 7-3800, x666.

UNIVERSITY SPORTS

By JOE BLAIR Sports Editor

H. Burton Shipley Retires

THE DEAN OF MARYLAND'S COACHES, and long time friend of the University, H. Burton Shipley, was honored at a testimonial dinner at the Statler Hotel May 19 as a tribute to him and his long time coaching tenure as he retired from the University.

"Ship," as he is affectionately known throughout the athletic world, had just completed his 38th year as baseball coach of the Terrapins and over 400 of his former players and friends turned out to pay tribute to the collegiate "grand old man of baseball."

Shipley started his coaching and teaching career for Maryland in 1923. He was basketball and baseball coach. He coached the Terp court team through 1947.

At the "this is your life type" presentation at the banquet as Ship's career was brought to the huge screen in the room from birth until the present year, his wife Miriam and daughter joined in the happy moments.

The many tributes he received from his former players and friends included a gift of a \$1000 check; a commenda-

tion as "Varsity Baseball Coach Emeritus of Maryland"; a citation from Governor J. Millard Tawes as "Distinguished Citizen of the State of Maryland"; and citations from the Atlantic Coast Conference, the School of Physical Education, Recreation, and Health, and the Athletic Council.

Through it all, Shipley, for whom the University named its beautiful baseball field, beamed and wiped away an occasional tear.

FAMOUS FOR "KICKING THE (WATER) BUCKET," Ship sees his habit memorialized by some of his admirers. Shown as they presented the bucket to Ship at the recent testimonial dinner are, l. to r., President Elkins; Charlie "King Kong" Keller, Class of '38, former star of the New York Yankees; Ship; Bozie Berger, Class of 1932, All American basketball player; and Dr. H. C. "Curly" Byrd.



Nugent Varsity Overpowers Alumni

IN THE 1959 VERSION OF THIS STORY, the headline was "Alumni Overpower Nugent Varsity." In one year Coach Tom Nugent has caused that headline to be turned around; the Varsity team came up with an overwhelming victory over the Alumni. Final score of the May 7 contest: Varsity 34, Alumni 6.

There were 4,800 witnesses to the spectacular show of strength displayed by the Varsity at Byrd Stadium. The Terp team looked good on offense and was even better on defense. Although the Alumni rushed for 107 yards, they were beaten back 108 yards as the Varsity ruined many pass attempts. In passing, the Alumni totaled 167 yards, the Varsity 116 yards. Most of the passing gain made by the Alumni came late in the game when Coach Nugent sent in many of his reserves. He used all 49 players who dressed for the game.

The Alumni team used 52 players, 29 of whom have played professional

ball. They couldn't stop the Varsity, who had a 27-0 lead by the middle of the third period. It wasn't until the fourth period that the Alumni managed to score their one and only touchdown—and by then Coach Nugent had sent in his fourth line.

One of the standout players of the game was Vinnic Scott, end, kicking two field goals, kicking for a conversion, catching a pass from Dick Novak, quarterback, and carrying it to the Alumni one-yard line. Novak completed seven passes in 14 attempts. Halfbacks Dennis Condie and Dwayne Fletcher carried the ball for one touchdown each and Gary Collins took a pass over the middle from Novak at the nine-yard line.

The record for the series of Alumni-Varsity games now stands at seven for the Alumni, three for the Varsity. Proceeds from the game, which is sponsored by the "M" Club, go into a scholarship fund for minor sports at the University.

1960

Football Schedule

September	17	West Virginia <i>at Morgantown</i>
	24	Texas <i>at College Park</i>
October	1	Duke <i>at College Park</i>
	8	NC State <i>at Raleigh (N)</i>
	15	Clemson <i>at College Park</i>
	22	Wake Forest <i>at Winston Salem</i>
	29	South Carolina <i>at College Park</i>
November	5	Penn State <i>at University Park</i>
	12	North Carolina <i>at Chapel Hill</i>
	19	Virginia <i>at Charlottesville</i>

Spring Sports Summary

THE 1960 OUTDOOR SEASON WAS another successful one for Maryland. Of the five sports, the Terps won two Conference championships, lacrosse and outdoor track. By winning two of the five championships, Maryland completed the 1959-60 athletic year with six Conference championships to continue dominance of winning titles in the A.C.C. Of the twelve recognized sports, the Terps, as mentioned, won six; North Carolina three; Duke 2; and Clemson 1. The Terp titles were won by the following teams: soccer, indoor and outdoor track, swimming, wrestling and lacrosse.

Jack Faber's lacrosse team had won seven and lost three. They were undefeated in the Conference.

Coach Shipley's baseball team had a fine season, inasmuch as the Terp pitching staff had all sophomores and one non-letterman junior. They finished the season with a 9-9-1 record. Their conference record was 5-7.

Coach Royal's tennis team won 11, lost two and tied one. Their record in the Conference was 5-2. In the Championships, Chuck Abelson reached the semi-finals.

Coach Frank Cronin's golf team had a most successful year, winning 12 matches and losing only two. In the A.C.C. the team won five and lost one. The season was played without the great star Deane Beman, who started to concentrate on his academic work instead

of taking the time to play the dual meets because of his missing some classes for the Masters Tournament. Beman did play in the A.C.C. Championship Meet and tied for the title.

Coach Jim Kehoe's outdoor track team won its fifth consecutive outdoor title and its sixth of seven seasons. Again the team was undefeated in three dual meets, but lost a triangular match to Navy with Georgetown the third team. In the A.C.C. Championship Meet held in Byrd Stadium, the Terps won eight of the fifteen first place events. Coach Kehoe has several individuals who are Olympic hopefuls, in Nick Kovalakides, Bill Johnson, Butch Spiegel and Bjorn Andersen.

AGRICULTURE

A. B. Hamilton

BROWN JOINS LILLY

Dr. Irwin Frederick Brown has joined the plant science department of Eli Lilly and Company, Greenfield, Indiana. Brown received his Doctor of Philosophy degree in plant pathology in February, 1960.

At the University of Maryland he did research studies on the physiology of fungi, assisted in plant pathology classes and during the summer of 1959 he taught a class for Weather Bureau personnel.

Brown, a native of Upper Darby, Pa., did his undergraduate study at the University of Delaware. While in the United States Army he received experience in working with fungi as a medical mycologist.

MURPHY RECEIVES AGRONOMY AWARD

Raymond Murphy of Vienna, Md., received the American Society of Agronomy's "Outstanding Senior in Agronomy" award at the recent meeting of the University of Maryland Agronomy Club.

Murphy is a senior in the College of Agriculture and is majoring in soils in the Agronomy Department. He is a graduate of Vienna High School and served in the U. S. Navy from 1953 to 1957. Murphy is a member of Alpha Zeta, agricultural honorary fraternity, and has been active in the student Agronomy Club.

FEBRY CHIEF OF AGRICULTURAL PROJECTS

Arturo Febry, M.S. Agricultural Economics '51, is Chief of the Office of Agricultural Projects in Puerto Rico's "Operation Bootstrap" development program. Febry is located at the Economic Development Administration, Santurce, Puerto Rico.

GIES IN AERO SPACE

Donald Gies, '48, is attached to the Aero Space Division, Boeing Airplane Company, Long Island, N. Y. After a hitch in the Air Corps, Don received a degree in mechanical engineering. His primary duties relate to the training of G.I.'s in the use of new equipment.

JESTER ON CREDIT BOARD

Mr. W. Clayton Jester, '21, of Biglerville, Pa., was re-elected to the Farm-Credit Board of Baltimore by the Federal Land Bank Associations for a third 3-year term. Mr. Jester operates a large dairy farm and also serves as a director of the FLBA of York County.

BROWN AT ILLINOIS

R. E. Brown, '48, was featured in the *Illinois Research* magazine's spring issue. Dr. Brown teamed up with Dr. C. L. Davis and developed an apparatus to keep a cow's rumen functioning after it has been removed from the animal. This apparatus makes it possible to test the "fuel value of feeds for ruminants."

To study the rates at which organic acids are produced and absorbed in ruminants, we have developed a way of removing the rumen and keeping it functioning outside the animal. This way, we eliminate the complications caused by the dilution of the rumen contents with water or saliva, and by the passage of rumen contents into the lower gut.

One hour after receiving a test diet, the animal is anaesthetized and bled-out. The rumen is quickly removed and tied off at both the inlet and outlet so that none of the contents can get out except by absorption into the circulating blood. Tubes are placed in the rumen artery and vein, and blood is perfused or forced through the blood vessels. The rumen is suspended in a thermostatically controlled water bath at body temperature.

Under these conditions, the test meal in the rumen is fermented normally. Acetic, propionic, and butyric acids produced during fermentation accumulate in the rumen, and some of the acids are absorbed into the blood. The amount of each acid absorbed can be calculated from the difference between the concentrations in the blood before it enters and after it leaves the rumen. The acid production rate can be determined from the absorption rate and the amount of acid accumulated in the rumen during the perfusion.

College of

ARTS AND SCIENCES

Staff of the College

MARIL ELECTED FELLOW

Herman Maril, Professor of Art and well-known painter, has been elected a Life Fellow by the Council of the In-

ternational Institute of Arts and Letters. The membership is limited to 760 Fellows and corresponding members who are "qualified by notable achievements in Arts and Letters or in Sciences and other fields of Culture." Mr. Maril's work has been receiving increasing attention in the past few years. His work is represented in many collections in this country and abroad.

FACULTY APPOINTMENTS

Two new appointments to the faculty were announced recently by the Board of Regents.

Dr. Vladimir J. Glaser, an eminent theoretical Italian physicist, who has been one of the leading members of the theoretical division of the Central European Laboratory of Nuclear Research near Geneva, Switzerland, was appointed Professor in the Department of Physics. A native of Gorizia, Italy, Dr. Glaser is one of the world's outstanding experts in quantum field theory, and in collaboration with German physicists Lehmann and Zimmermann, he has developed one of the most promising approaches to a rigorous field theory for elementary particles. In addition, he is an expert on some of the simplified models for particle theory.

Dr. Bernard R. Jerman, Associate Professor of English at Pennsylvania State University, was appointed Associate Professor of English in the Department of English. Dr. Jerman holds B.A., M.A. and Ph.D. degrees from Ohio State University. Prior to his appointment to the Pennsylvania State University faculty in 1952, he was a member of the faculties of Ohio State University and the University of Kentucky. Dr. Jerman is currently writing a book entitled *The Young Disraeli*.

CHEMISTRY DEPARTMENT

More than 500 scientists from the State of Maryland, Washington, D. C., and Virginia met on May 6 at the University of Maryland to hear presentations on the most recent advances in chemistry. A total of 53 research papers in physical, organic, and analytical chemistry; biochemistry; and industrial and engineering chemistry were presented by leading research scientists during the one-day meeting. The Washington and Maryland Sections of the American Chemical Society were joint sponsors of the program.

A National Science Foundation grant of \$22,400 received by the Department of Chemistry will enable a research team to continue their study of the physical structure and bonding characteristics of molecules in unusual compounds. According to Dr. Ellis R. Lippincott, director of the project: "From

the study of molecular motion in compounds, it is sometimes possible to deduce information concerning the exact shape of the molecules, as well as the bonding characteristics which hold the compounds together."

ALGAE AND SPACE RESEARCH

The physiology of algae and the "man in space" projects have an important relationship which is being explored in the Department of Botany.

Since 1949, Dr. Robert W. Krauss has been directing fundamental research into the physiology of algae. Continuing research will be supported by a grant of \$216,000 from the National Aeronautics and Space Administration.

The importance of algalic metabolism and growth to a man in space, according to Dr. Krauss, is their ability to liberate oxygen and to absorb and reduce carbon dioxide.

All of the oxygen breathed by mankind daily, he continued, has been liberated by plants through photosynthesis. It is possible that for long trips in space or for bases on other planets man will need to survive in a closed chamber which is made as self sufficient as possible.

"If plants are to be employed in such a system they will need to be capable of rapid rates of growth and high rates of oxygen evolution. Furthermore they will need to be grown in very compact apparatus in the absence of soil and be susceptible to handling in apparatus more familiar to the chemical engineer than to traditional agriculturists. The algae uniquely fit these requirements so that if it becomes necessary for man to carry plants with him into space the algae are the most promising," Dr. Krauss said.

"A second characteristic of algae," he explained, "has been their remarkably high nutritive value. Experiments carried jointly with the National Institutes of Health have shown that the amino acid complement of certain algae is unrivaled among single sources in its nutritive value. In spite of the obvious requirements for adequate processing to make the algae suitable for human consumption, these organisms are a most promising source of protein. This fact adds much to the feasibility of using the algae to supplement the diets of space travelers."

Dr. Krauss has emphasized, however, that our knowledge of fundamental facts concerning the algae is not yet adequate for a satisfactory evaluation of their future role in space vehicles.

"Common with other sciences, studies of the basic nature of these organisms has not been exhaustive enough to provide the engineers and scientists with sufficient information to assess their

practical use. For this reason the studies at the University of Maryland will be directed toward adding to our store of information regarding the fundamental biochemistry, and growth characteristics of a number of selected strains of algae rather than toward the design of apparatus for possible use in space," he concluded.

PROMOTION AND TRANSFER

Dr. Ward Pigman, Ph.D. '36, has been appointed Professor of Biochemistry at New York Medical College. Dr. Pigman has been an Associate Professor of Biochemistry at the University of Alabama Medical College.

RUSSIAN THEATRE

A "Russian literary evening" of Russian theatre arts was presented on May 16 by Mme. Boborykine's students of Russian. "The Voice of America," which sent a representative to the performance, reported subsequently on the students acting in Russian as if it were their native tongue.

To honor the centenary of the birth of Chekhov, a play of his called *Ladies* was presented. Mr. Charles N. Lee, Instructor of Russian, made introductory remarks about Chekhov. The program also included a modern skit satirizing the housing shortage, *Nervous People* by Il'f and Petrov, a well-known balalaika player Grisha Titoff, accompanied by Maryland alumna Anya Barclay, and a Ukrainian dance "Hopack" performed by Jeanne and David Bird.

MICROBIOLOGY NOTES

Dr. P. Arne Hansen, Professor of Microbiology, attended a joint meeting of the Virginia Academy of Science and the Virginia Branch, Society of American Bacteriologists, on May 12-13 at Richmond, Virginia.

Dr. Michael J. Pelczar, Jr., Professor of Microbiology, attended a meeting of the Committee on University Relations at the Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tennessee, on May 15-16. Dr. Pelczar is ORINS Councillor for the University of Maryland.

Mr. Walter R. Dowdle, Research Assistant, has accepted a position as medical bacteriologist at the Communicable Disease Center, Atlanta, Georgia. Mr. Dowdle will be assigned to the Virus and Rickettsial Section of CDC and expects to begin his new assignment on August 1st.

Mr. Noel R. Krieg, Graduate Assistant, has accepted a position as Assistant Professor of Bacteriology at Virginia

Polytechnic Institute, Blacksburg, Virginia, effective September 1, 1960. Mr. Eddie C. S. Chan, Graduate Assistant, has been awarded a Postdoctorate Fellowship tenable in the Canada Department of Agriculture at Ottawa to work on microbial interaction related to nutrition biosynthesis, metabolism. This Fellowship was awarded by the National Research Council of Canada and Mr. Chan looks forward to beginning his new duties on July 1st.

FROM THE MUSIC DEPARTMENT

The Music Department recently dispossessed by a fire is now firmly re-established in the completely renovated old music building and will be holding forth there during the coming year.

The department is pleased to announce the appointment of the brilliant young pianist, Stewart Gordon, to the faculty. Mr. Gordon, who has a Bachelor and Master's degree from Kansas University, was a pupil of Walter Gieseking. He has performed extensively in Europe and the United States and made several recordings for Washington Records. He has been chairman of the department for three years at Wilmington College in Ohio.

The Eastern Division of the Music Educators National Conference will hold some of its sessions at the College Park Campus. The group will be on campus on January 13th and will feature the All-Maryland Band, Chorus and Orchestra.

GERMAN CULTURE EVALUATED

The Federal Republic of Germany has invited Dr. Augustus J. Prah, Professor of Foreign Languages and Associate Dean of the Graduate School, to visit Germany from June 12-July 11 in order to evaluate its present-day cultural activities in the universities, art, music, opera, and theatre. The purpose of the mission is to gather insight into the present status of West German culture for an exchange of ideas at the university and administrative level.

ALLIANCE FRANCAISE

A branch of the *Alliance Française* was founded at the University of Maryland this past year, under the auspices of Professor Wm. F. Falls and Mr. Leo R. Lemaire. The "Cercle Universitaire Français" conducted its meetings entirely in French. In the course of the year Prof. Falls gave a talk on Duhamel, Mme. Floersheim, of the French Embassy, spoke on Albert Camus, and

(Continued on next page)



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Professor Le Moal of the University of Poitiers, France, discussed academic life in contemporary France. Sessions were also held on Algeria and Vietnam. Undergraduate and graduate students participated.

The Circle extends a welcome to students and friends for its 1960-61 season.

MORGAN STATE COLLEGE CONFERENCE

Dr. Jean V. Alter of our French staff spoke on "The Lost Hero in the Modern Society" for a conference held on May 4 and 5 at Morgan State College. The conference on "Technology and the Humanities" explored the relations of the humanities to other aspects of contemporary civilization. Distinguished scholars from Harvard, Yale, Howard, and other institutions participated in the meetings sponsored by Morgan State College's Division of the Humanities and its Student Union.

BOOK REVIEW

Professor Alfred Bingham has reviewed *An Age of Crisis*, Lester G. Crocker's important study of ethics in eighteenth-century France. The review is scheduled to appear in a forthcoming issue of *The New Scholasticism*.

TAPE-RECORDING

Professor Leonora C. Rosenfield recently tape-recorded a half-hour's talk for the *Opinion Institute* of Omaha, Nebraska. This Institute is putting on the market as records or tapes a series of lectures and interviews on government, religion and education. "'From Presidential Candidates to Professors' might be the sub-title of their catalogue," commented Mrs. Rosenfield.

F.L.E.S.

Mr. Leo R. Lemaire, instructor of French and German, participated in the Annual Workshop of the Maryland Association of Elementary School Principals held in Annapolis on April 30. "Should We Provide a Program of Foreign Language in the Elementary School" was the topic of the panel in which Mr. Lemaire spoke. The other participants were Dr. Bleue, Maryland Superintendent of Foreign Languages, and Dr. Struttenmeyer from the State Board of Education.



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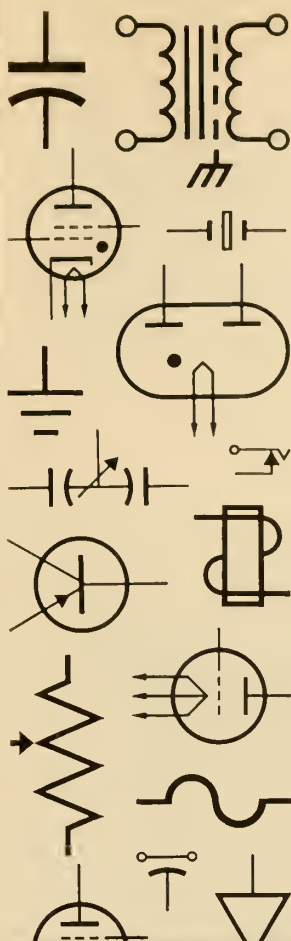
Professor Carl Bode of the Department of English has given sixteen talks, readings and television lectures during the past academic year. Many of the requests for Professor Bode have reflected interest in his experience as cultural attaché at the American Embassy in London from 1957 to 1959 and his authorship of a widely acclaimed volume of poetry published this year in both London and New York. Dr. Bode has lectured at the All Souls Unitarian Church in Washington, the Cosmos Club, the Campus Club of the University of Maryland, the Enoch Pratt Library in Baltimore, the Howard County Teachers Forum, the Prince Georges High School Seminar, the Poetry Group of the Jewish Community Center in Washington, the Oxon Hill Chapter of the AAUW, and Kent State University in Ohio. He gave television talks from the ABC station in Baltimore on H. L. Mencken and H. D. Thoreau.

In April Dr. Bode was the guest of honor at a party given in New York by PEN, the international writers' organization, on the occasion of the publication of the American edition of his volume of poems, *The Man Behind You*. He was also invited to make a recording of some of his poems for the Library of Congress record series of contemporary American poets.

Professor A. O. Aldridge of the Department of English has received a travel grant from the American Council of Learned Societies to attend the Eighth Congress of the International Federation for Modern Languages and Literature at Liege, Belgium, from August 28 to September 3. Dr. Aldridge will deliver a paper to the Congress on "Problems of Translation in the Eighteenth Century and Today."

Two authors of recent scholarly books will enter the Department of English at professorial rank in September, 1960. Dr. Bernard Jerman will come from Pennsylvania State University to be an associate professor at College Park. Dr. Jerman, author of a biographical and critical study of Disraeli published in June by the Princeton University Press, will give courses in Victorian literature. Dr. Robert Manson Myers, author of two books on the relations of literature and music in the eighteenth century composer Handel and also of a parody history of English literature published in both New York and London, will be an assistant professor and is scheduled to teach advanced courses in writing.

(Continued on next page)



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ABRAMOWITZ ENDOWS PRIZE

A prize to be awarded annually to a junior or senior student majoring in mathematics has been endowed in memory of Milton Abramowitz who, at the time of his death in 1959, was a mathematician on the staff of the National Bureau of Standards.

The award will be made to the student who has demonstrated superior competence and promise for future development in the field of mathematics and its applications. Under the conditions of the gift the winner of the prize will be selected from candidates identified by a committee of undergraduate studies of the Department of Mathematics. The selection committee will consist of a chairman chosen by the chief, applied mathematics division, National Bureau of Standards and two members of the Department of Mathematics.

AMERICAN INFLUENCE ON CHINA

Maryland was host to the annual round-table conference on cultural relations between the United States and Free China. "American Cultural Influences on China" was the theme of the meeting held on May 13. Mr. C. C. Chen of our Department of Foreign Languages lectured on Chinese literature at the conference, which was attended by leading Chinese and American scholars.

The conference was sponsored by the University of Maryland, China Institute in America, Association of Teachers of Chinese Language and Culture in American Colleges and Universities, and the Sino-American Cultural Committee.

The general subject was sub-divided into panels on religion, science, medicine, agriculture, and libraries.

College of

BUSINESS AND PUBLIC ADMINISTRATION



Mr. Brown

BROWN COMPLETES COURSE

Philip C. Brown, '59, recently completed the officers' basic course at the Marine Corps School, Quantico, Virginia.

COLLEGE PRAISED FOR SAFETY PROGRAM

The College of Business and Public Administration was highly commended recently by the National Committee for Motor Fleet Supervisor Training for its outstanding contribution to highway safety and driver improvement through sponsorship of annual one-week supervisor training programs. The 13th Program was given April 4-8 at College Park in cooperation with national and local sponsoring agencies.

Richard O. Bennett, of Washington, D. C., Chairman of the National Com-

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mittee, which is headquartered at the Institute of Public Safety, Pennsylvania State University, praised the College and cooperating specialists for recognizing the need for practical training of motor fleet supervisors, and doing something about it.

"Courses such as the ones given at the University of Maryland," he said, "have been carefully developed over a long period of years by the National Committee working with leading fleet operators and driver training specialists. They are designed to help supervisors do their job better, and experience has shown that attendance at similar courses has saved thousands of dollars for operators, won awards for accident-free highway operation, cut insurance costs, and improved employee morale."

The University of Maryland's course was planned by an Advisory Committee headed by Jay I. Davidson, of Baltimore, and included widely known trucking, safety and government leaders from all parts of the State, and University officials, headed by Dr. J. Freeman Pyle, Dean of the College of Business and Public Administration. National leaders in motor vehicle operations, safety, and government regulation as well as University faculty members accepted appointment as instructors.

Governor J. Millard Tawes presented Graduation Certificates to all enrollees who completed the requirements at the Certification Luncheon in April. Herbert Qualls, Director of the Interstate Commerce Commission's Bureau of Motor Carriers, was the guest speaker.

FINCI HEADS PERSONNEL

Michael Finei, '57, has been appointed Personnel Manager for the chain of Drug Fair stores in the Washington, D. C., area.

LT. COL. FISHBURNE AT PENTAGON

Lt. Col. Charles C. Fishburne, who earned a master's degree from the University of Maryland in government and politics, was recently assigned new duties at the Pentagon in the International Affairs Division of the Directorate of Plans. Lt. Col. Fishburne was, for the past three years, Professor of Air Science at the University of Vermont.

HOFFMAN OVERSEAS

R. W. Hoffman, class of 1954, has begun duties in Travelers Check Promotion (overseas) at the American Express Company, Inc. in New York City.

Mr. Hoffman joined American Express in 1955 as a foreign service trainee. He was sent to Japan and Pakistan before assuming his new duties.



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1900 visitors traveling from Ocean City, Maryland to Rehoboth Beach, Delaware will find the new look for miles and miles as they scan over this fabulous area of the east coast. New hotels, motels and apartment houses which have been completed during the past few months, rank among the finest on the eastern seaboard. Then, too, at Ocean City visitors will find a new airport with daily service to the principal cities of the east as well as a new golf course. Most of the better hotels, motels and apartment houses have memberships for their guests.

The entire beach along this stretch is beautiful and even the old buildings are

shimmering in fresh coats of paint as the summer visitors swoop down on this resort area to enjoy summer vacations.

Among the new motels at Ocean City is HARRINGTON ARMS, directly on the ocean at 29th Street. There are 81 apartments and rooms, all with private porches, wall to wall carpeting, beautiful decor; large and spacious living rooms with kitchen and dining room combinations. There is plenty of parking facilities for guests.

Gordon, Philip and William Harrington are the owners and operators. The Harringtons also operate the Harrington Apartments at 19th and Baltimore Avenue, which was opened to the public two years ago. The Harrington brothers hail from Indiana and their know-how of construction, decorating and versatility is among the best in this resort area.

* * *

The SPANISH MAIN HOTEL at 14th Street and the Bay is a new fire-proof, deluxe efficiency apartment building for year 'round occupancy. Located on the Bay, these apartments are the ultimate in comfort and luxury. There is docking facilities at the door, all linens and utilities are provided. There is air conditioning and heat, private porches and telephones in every apartment.

Harry and Gerry Kellum are the owners and managers and your comfort is assured if your vacation is to be spent as their guests. Mr. Kellum is a sportsman of note and Mrs. Kellum a former nurse—both very interesting.

* * *

NORTH WINDS MOTEL, which was built several seasons ago, has been completely redecorated and newly furnished for the arrival of their summer visitors. Located at 55th street and Ocean Highway, it is a modern, two-story court with a friendly atmosphere in an uncongested area—yet it is near to restaurants, stores, churches and amusements.

Mr. and Mrs. Everett Townsend are the owners-managers and they provide a swimming pool, telephones, maid service, and a bath house for the use of

For

Maryland

the guests on a guarded beach. There are one and two bedroom apartments at North Winds Motel.

* * *

The ISLANDER is one of Ocean City's newer efficiency apartments and motel. It has the ocean and the bay view from its location at Philadelphia Avenue and 20th Street. It offers a temperature-controlled swimming pool, and free dock for the deep sea anglers. Bill Weaver, who also operates the Alamo Motel on Route 50, on the approach to Ocean City, is the owner-manager. Very fine accommodations.

* * *

WESTWARD HO Motel and Apartments invites you to a wonderful new world of informal vacation living. There are golfing privileges at the new golf course, putting greens, swimming pool, outdoor cooking facilities, playground for children, boating, fishing and free boat docking.

Located at Beach Highway and 23rd Street, everything is easily accessible for the summer visitor.

* * *

The ROOSEVELT HOTEL, owned and operated by Mr. and Mrs. E. F. Fleming, has a homey atmosphere. It is located close to all of the activities on the beach and is a pleasant place to relax and enjoy a prolonged vacation. The Roosevelt, over the years, has been a favorite of many Baltimoreans. Mr. and Mrs. Fleming also operated the Sun and Sea Motel—Apartments on the Beach at 27th Street.

* * *

HOLIDAY HOUSE, 8th Street at the Boardwalk, overlooking the ocean, has been completely renovated for this season's visitors. It is a small, spotlessly clean hotel that is owned and operated by Nicholas and Roberta Brous, who are from Catonsville, Maryland. They have operated Holiday House for the past four years.

Each room has telephones and all modern conveniences—guests are privileged to go bathing from their rooms. The Hotel's slogan is "The Toast of the Coast." Holiday House is open through September—a delightful small hotel.

* * *

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Women

Highway is on the Bay overlooking the Atlantic Ocean. Mr. A. Percy Holland is the owner-manager. The motel is located away from the crowds where guests can enjoy a quiet, peaceful holiday in serenity, and yet enjoy both the ocean and the bay.

* * *

The HOTEL LANKFORD, operated by Miss Mary B. Quillen, is on the Boardwalk between 8th and 9th Streets. It is one of the older hotels but it is a comfortable, European plan establishment that guests return to year after year. Miss Quillen personally supervises the hotel and this charming little lady is always on hand.

* * *

The SALTY SANDS MOTEL at 46th Street at Ocean Front is new. Every room and efficiency apartment has a view of the ocean and each has its own large porch. There is a private guarded beach and surf fishing. The Salty Sands provides maid service and, like all of the better hotels and motels on the beach, there is golf course privileges available.

Mr. and Mrs. Edward G. Rost, Jr., are the owners and managers.

* * *

At Fenwick Island, Delaware, the SEA CHARM APARTMENTS make their first appearance this season. Just completed on the ocean there stands 10 luxury apartments, some one-bedroom and efficiencies.

The building is sound proof—it is furnished in excellent taste with wall to wall carpeting and fully equipped kitchens even to silver and linens.

Mr. and Mrs. Orlando Lewis are the owners-managers and Sea Charm is located on State Highway directly east of the Light House on Fenwick Island. There is a beautiful view of the ocean from each apartment as well as a view of the bay. There is a guarded beach and plenty of parking space.

Mr. and Mrs. Lewis are experienced motel operators, having had many years of experience in Ocean City, Maryland.

* * *

The DINNER BELL INN at Rehoboth Beach, Delaware, located at the corner of First Street and Christian, has in the past year added, for its guests, motel facilities which are attractive and modern. They are heated and air conditioned for year 'round accommodations.

This famous restaurant operates the year 'round and its reputation is outstanding. Summer guests fill the place to the overflowing and these same guests will drive for miles during the long winter months to enjoy a Sunday dinner at The Dinner Bell Inn.

Established in 1937, The Dinner Bell is owned and operated by Mrs. Ruth E. Emmert and her son, David. There are facilities for large groups and the Emmerts cater to parties.

* * *

Another outstanding dining room in Rehoboth Beach is BOB CHING'S WHITE CHIMNEY INN, located directly behind City Hall. Here one can enjoy superb food at its best.

Bob Ching is well known to Ocean City visitors, having operated the Bob Ching Restaurant in that city for a number of years. His White Chimney Inn was opened during the summer of 1959 and enjoyed a very successful season. Mr. Ching will operate throughout the year in his new establishment. Bob Ching's at Ocean City has been closed.

* * *

JOSIE & MARIA'S is without doubt the most outstanding restaurant and supper club in Ocean City, Maryland. Located on Philadelphia Avenue and 17th Street, it has created quite a name for itself. The firm operates another dining room at 7 Caroline Street. This is a mother-daughter combination with a "know-how" in restaurant operation.

The food in both places, featuring Italian-American cuisine, is superb in every detail and a "must" in anyone's schedule for good dining in the resort area. There is continuous entertainment at the Supper club and 1960 guests will be entertained by outstanding artists. Both restaurants are air conditioned and there is plenty of parking space at the supper club.

* * *

Among the gay night life establishments at Rehoboth Beach, there is none as popular as the PINK PONY COCKTAIL LOUNGE NIGHT CLUB, located at Olive Avenue on the Boardwalk. Its owners are Teddy Navakowski and Jimmy Booth. They are the former owners of the Shaker Lounge and well known to the summer vacationer.

There is nightly entertainment by top artists, and dancing in a pleasant atmosphere of Little Pink Ponys that appear in the decor all over the place. It's a pleasant environment to spend an evening. Please call for reservations.

* * *

Driving south from Rehoboth Beach to Ocean City, Maryland, there is an exotic and interesting restaurant and bar. It is called THE BOAT HOUSE

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and is owned and operated by the C. Pearce Coadys. It is located on Rehoboth Bay at Dewey Beach, Delaware. This restaurant is designed for those

who prefer dining in a friendly relaxed atmosphere, with a view of the water.

The Coadys, who also own and operate the Bluff House Inn, Green Turtle Cay, Abaco, in the Bahamas, have an art of serving superior food in an atmosphere of charm, complimenting an ocean resort.

* * *

PHILLIPS CRAB HOUSE at Philadelphia Avenue near 20th Street, that enjoyed such a splendid season in 1959 has found it necessary to enlarge the restaurant to accommodate their trade—now a carry-out section has been added.

Mr. and Mrs. Brice Phillips own and operate this seafood restaurant and they can truly boast of their fine cuisine.

* * *

VILLANI REALTY COMPANY at 63rd Street and Beach Highway is having a busy season with summer visitors investing in shore property. The firm handles commercial and residential property sales and rentals.

With 35 years of experience in beach property, Mr. and Mrs. Angelo M. Villani have been able to give Eastern Shore property owners the best values through their years of experience. Mr. Villani also operated the Villani Furniture Company and the Villa Nova cottages and apartments at West Ocean City.

* * *

The TIDEWATER INN on the Eastern Shore of Maryland in Easton is a favorite of many Baltimoreans and Washingtonians all through the year. Just a pleasant drive over the Bay Bridge to Easton and one will find the ever to be remembered charm and hospitality in this fine hotel.

Arthur J. Grymes, Jr. is the owner-manager of the hotel which is colonial designed, air conditioned and completely fireproof.

For dining there is the Gold Room, which has capacity for 300 for meetings, wedding receptions and dancing. The Garden Room for smaller intimate groups of 50. The main dining room is charming with its colonial decor and the cocktail lounge is most interesting. But best of all, the food in any of the dining rooms is superb.

The hotel is located in town, convenient for shopping and entertainment, yet within a few minutes drive of all Talbot County recreation: pleasure boats—the finest fishing and duck hunting. Drive to the Tidewater Inn next Sunday for dinner. You'll enjoy a treat long to be remembered.

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EDUCATION

Mary J. Ahalt

EDUCATION FACULTY NOTES

Vernon E. Anderson, Dean of the College of Education, has been appointed a member of the Maryland Committee for the Advancement of School Administration of the American Association of School Administrators.

Dr. Anderson spent two weeks in Germany to supervise education courses given in the overseas centers of University College. He visited University branches in Heidelberg, Munich, and Wiesbaden.

Glenn O. Blough, Professor of Education, has recently published *Discovering Dinosaurs* (Whittlesey House), a book for elementary-age children. This is his thirty-third book for children and teachers. His *Young Peoples Book of Science* has been translated into twelve languages. The most recent translations are Arabic and Japanese.

Richard H. Byrne, Professor of Education, as a member of the Committee on Counseling and Guidance of the Southern Regional Educational Board, attended a conference recently. Committee members represent Richmond Public Schools, University of Texas, University of Alabama, University of Florida and the University of Maryland. This committee will consider and suggest what regional action seems to be indicated in the field of guidance and counseling.

Dr. Madelaine Mershon, Acting Director of the Institute for Child Study, attended a dessert at the Alpha Xi Delta sorority at which time the Mary Lee Langford Memorial for the service of education was presented to the College of Education. Four books, chosen by the Human Development Staff, were presented in memory of Mary Lee Langford to be placed in the library of the Institute for Child Study.

INSTITUTE FOR CHILD STUDY

Miss Grace Adams, Assistant Professor of Education, is on leave of absence this spring semester. She has just completed a sixty-day safari in Africa and Zanzibar. She describes this as a "looking, not a shooting" safari. Miss Adams, an expert in photography, has been making an extensive collection of pictures of plant and animal life. She will

(Continued on next page)



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go on to Europe for the remainder of
the summer.

INDUSTRIAL EDUCATION

Dr. Donald Maley, Professor and Head
of the Department of Industrial Educa-
tion, has been elected President of the
American Council on Industrial Arts
Teacher Education. The Presidency of
the Council is for a two-year period.
Dr. William F. Tierney, Associate Pro-
fessor of Industrial Education, has
served as Executive Secretary for this
group for the past three years and was
reelected to serve again.

Dr. R. Lee Hornbake, Dean of the
Faculty and Professor of Industrial
Education, was awarded an Honorary
Life Membership by the American
Council on Industrial Arts Teacher
Education at the Council's recent meet-
ing in Toronto, Canada. Dr. Hornbake's
award is a result of his noted achieve-
ments in industrial arts, teacher educa-
tion and his many professional contri-
butions.

NATIONAL CONVENTION

Nine members of the Industrial Educa-
tion Department and two graduate stu-
dents attended the joint Annual Con-
vention of the American Industrial Arts
Association and the American Council
of Industrial Arts Teacher Education
held in Toronto, Canada, in April.

Participants in the Convention pro-
grams included Dr. Paul E. Harrison,
Dr. Eckhart A. Jacobsen, Mr. Carl S.
Schramm, and Dr. William F. Tierney.
The safety program was planned by
Mr. Edmund D. Crosby, another mem-
ber of the Industrial Education Depart-
ment.

The following five Graduate Assist-
ants attended the convention: Kenneth
E. Dawson, Irving W. Herriek, Paul J.
Manchak, Henry James Rokusek and
Walter R. Williams, Jr. Two graduate
students also accompanied the group,
Lewis J. Dickerson and Gil H. Tene-
francia. Mr. Tenefrancia is Head of
Teacher Education in the Iloilo School
of Arts and Trades in the Philippines.

STUDENTS HONORED

College of Education majors recently
honored were as follows: Marlene Mur-
ray, Arlene Joffe, and Carolyn Gouza,
majors in elementary education; Pat
Messer, major in home economics edu-
cation, were chosen for Mortar Board
because of their outstanding contribu-
tions in the fields of scholarship, leader-
ship and service.

Miss Marlene Murray, major in ele-
mentary education, was presented the

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Outstanding Commuting Student Award at the first University Club (Daydodger) banquet on May 12. Miss Murray was one of the two founders of the University Club formed in September, 1959.

BUSINESS EDUCATION

Miss June Wisnieski, a senior at the University of Maryland majoring in secretarial education in the College of Education, was presented with the United Business Education Award of Merit for outstanding achievement in business education. The United Business Education Association and its teacher education division, the National Association for Business Teacher Education, sponsor this award. This award was presented to Miss Wisnieski by Dr. Vernon Anderson, Dean of the College of Education, and by Dr. Arthur S. Patrick, Head of Department of Office Techniques and Management, and Professor of Business Education.

Miss Wisnieski is the daughter of Mrs. Agnes Wisnieski of Baltimore, Maryland.

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MCLEOD ELECTED PRESIDENT OF ENGINEERING ALUMNI

Mr. Robert J. McLeod, C.E. '37, has been elected Chairman of the Board of Directors of the College of Engineering Chapter of the Alumni Association for the coming year.

He has been a member of the Board for the past two years and served as Vice Chairman of the Board during the past year. Mr. McLeod, who resides in Hyattsville, Maryland, is Chief Engineer for the Washington Suburban Sanitary Commission.

MARYLAND GRADS WIN MILITARY ENGINEERING AWARDS

Two Maryland University graduates were among those who received high awards for 1959 from the Society of American Military Engineers. Mr. Lansing G. Simmons, C.E. '23, was presented with the Colbert Medal and Capt. Fred F. Kravath, U.S.N., was awarded the Toulmin Medal.

(Continued on next page)

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Mr. Simmons who is Physical Science Administrator of the Geodesy Division of the Coast and Geodetic Survey, Washington, D. C., received the National Award for Engineering Achievement. The citation of the award read: "for his outstanding contributions to the advancement of military engineering through the development of basic techniques for geodetic and precision surveys required by the Department of Defense in research and development projects concerned with national defense. He has exercised high technical ability in devising basic techniques for positioning and orienting missiles and guidance systems for missiles at the Air Force Missile Test Center at Cape Canaveral."

Capt. Kravath, Deputy District Civil Engineer for the 3rd Naval District, New York City, received the National Award for Technical Writing for his article "Nuclear Development in Continental Europe" which was judged to be the best article published in *The Military Engineer* for 1959. He has received engineering degrees from Drexel, University of Pennsylvania, and R.P.I. and has also studied at the University of Maryland and the Catholic University of America.

TAYLOR ELECTED CHAIRMAN OF ASME CHAPTER

Mr. Dudley Taylor, M.E. '51, has been elected Chairman of the Washington Section of the American Society of Mechanical Engineers for the coming year. Mr. Taylor, who is a mechanical engineer at the Naval Ordnance Laboratory, is a past Vice Chairman of the ASME Section and also served as Chairman of the Board of Directors of the Engineering Chapter of the Alumni Association last year.

SUSSMAN JOINS MITRE CORP.

Jules P. Sussman, E.E. '56 (S.M. Harvard '57), has been appointed to the position of Member of the Technical Staff of The MITRE Corporation, Lexington, Mass., in the Radar Systems and Techniques Department, where he will work on advanced radar systems and techniques. The MITRE Corporation, a non-profit organization, originally created by the Massachusetts Institute of Technology and Rand Engineering, is the technical adviser to the Department of Defense. Mr. Sussman, who resides in Lexington, Massachusetts, was formerly associated with Raytheon Company's Airborne Equipment Operations in Sudbury, Massachusetts, as a circuit design engineer on airborne radar receiving systems for SAC bombers. Mr. Sussman would be glad to hear from

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other Maryland engineers and scientists who are employed in or visit the greater Boston area.

WHEREABOUTS

Norman M. Lawler, Jr., '51, is a Design Engineer with J. E. Greiver Co., Baltimore, Maryland.

Ben Dyer, '31, is owner of the engineering firm of Ben Dyer Associates and resides in Glenwood, Maryland.

Tracy Coleman, '35, is a member of the general contracting firm of Coleman and Wood, Inc.

William J. Frere, Jr., '10, is retired and living in Tompkinsville, Maryland.

A. Morton Thomas, Jr., '35, is owner of the engineering firm A. Morton Thomas and Associates.

C. Tage Foltz, '35, is an engineer with the Service Department of the Washington Gas Light Co.

Donald E. Anderson, A.E. '51, is a pilot with Capital Airlines.

Ted J. Vandoren, '25, is a manufacturers' representative in Washington, D. C.

Emmett T. Loane, '29, is District Manager for the Chesapeake and Ohio Telephone Company of Maryland and has his home in Baltimore, Maryland.

D. H. Saunders, '10, is an attorney in Washington, D. C.

S. Chester Ward, C.E. '32, is Planning and Development Engineer for the Washington Gas Light Company.

Thomas Witkowski, E.E. '42, is Vice President of the Cubic Corporation of San Diego, California, a company engaged in developing guidance components for missiles.

FACULTY NOTES

Professor George F. Corcoran, Head of the Department of Electrical Engineering, has written a fourth edition of his book, *Alternating Currents*. The book, which has been a standard textbook in the field for over 20 years, is co-authored by Professor R. M. Kerchner of Kansas State University.

Professor Gerald Corning of the Aeronautical Engineering Department has published a new revised edition of his book, *Subsonic and Supersonic Airplane Design*.

PROFESSOR HODGINS RETIRES

Professor Lawrence J. Hodgins of the Electrical Engineering Department is retiring after 45 years on the faculty at the University of Maryland. Professor Hodgins who graduated from Pennsylvania State College in 1914 first joined

(Continued on next page)



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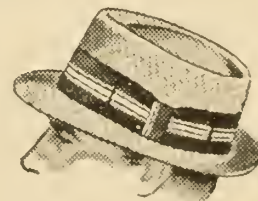
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the faculty as an Instructor in Electrical Engineering and Physics in the fall of 1915. At that time the University was known as the Maryland Agricultural College. He was advanced to the grade of Assistant Professor in 1918 and Associate Professor in 1932. He was presented with a plaque by the University of Maryland Alumni Association in 1951 for "Meritorious Service to the College of Engineering" and in 1959 was honored by the Student Branch of the AIEE with a plaque engraved "For Outstanding Leadership and Service to AIEE." He served as faculty advisor to AIEE for 23 years. In addition to being a member of AIEE, Professor Hodgins is a member of the American Society of Engineering Education, American Association of University Professors, Washington Society of Engineers, Maryland Society of Professional Engineers, Phi Delta Theta, Tau Beta Pi, and Eta Kappa Nu. He has been an active member of the Kiwanis Club of Prince George's County and is presently 2nd Vice President of that organization.

Professor Hodgins plans to continue to reside at his home in College Park.

ROGERS APPOINTED TO ENGINEERING REGISTRATION BOARD

Mr. Helme Rogers, E.E. '25, was appointed to the State Board of Registration for Professional Engineers on March 11, 1960, by Gov. Tawes upon the recommendation of the Maryland Section of the American Institute of Electrical Engineers. Mr. Rogers, a Registered Professional Engineer in the State of Maryland, has been with the Baltimore Gas and Electric Company for over 30 years. His present position is Superintendent of the Meter and Installation Department, where he is responsible for electrical measurements, including customer billing. In addition, he is active on half a dozen national industry committees of such organizations as AIEE, Edison Electrical Institute, and the Association of Edison Illuminating Companies which are concerned with various aspects of electrical measurements, industry standards, and equipment specifications.

HOLDEN SECRETARY OF AIRCRAFT ARMAMENTS

Thomas J. Holden, M.E. '49, was elected to the office of Secretary of Aircraft Armaments, Inc. of Cockeysville, Maryland. Mr. Holden, who is a resident of Baltimore, received an L.L.B. degree and was registered to practice in the U. S. Patent Office in 1952. He was admitted to the Bar of the State of Maryland in 1954.

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RETTBERG PROMOTED

Charles C. Rettberg, Jr., has been promoted to Assistant General Solicitor by the Baltimore and Ohio Railroad. Born in Baltimore, he moved to Pittsburgh with his family when a child and received his early education in the Mt. Lebanon public schools. Returning to Maryland, he attended the University of Maryland, graduating from the College of Arts and Sciences in 1953. He graduated as an honor student with the LL.B. degree in 1955. Mr. Rettberg joined the legal department of the B&O as law clerk after graduation and was promoted to attorney the following year. He is a member of the American Bar Association and the Junior Bar Association of Baltimore City.

CHICAGO ATTORNEY HONORED

Mr. J. Francis Dammann, '03, received the Carroll Medal at the June 5 commencement exercises of Loyola College, Baltimore.

A native of Baltimore, Mr. Dammann practiced law there until 1906. He was admitted to the Illinois bar and has been a prominent attorney in Chicago

(Continued on next page)

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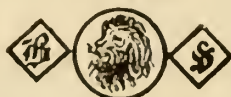
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for over 50 years. He is a member and past president of the Chicago Bar Association and former president of the Law Club in Chicago. Mr. Dammann has maintained an active interest in higher education both at Loyola College in Baltimore and Loyola University in Chicago.

LAW DAY

Law Day, whose observance President Eisenhower called for to demonstrate "devotion to the rule of law as the key-stone of peace and order in our national and international life," was celebrated May 2 at the School of Law in ceremonies held in the Law School Auditorium. Judge Reuben Oppenheimer, of the Supreme Bench of Baltimore City, was the principal speaker of the day.

STUDENT NEWS

More than 50 students from the Johns Hopkins University, the University of Maryland, and Loyola College attended a Pre-Law Program for undergraduate students April 22, at the University of Maryland School of Law. The program, first of its kind on the campus, was intended to give students a basis for a realistic appraisal of the study of law.

The Maryland Law Review of the School of Law recently announced the appointment of its editors for the school year 1960-1961. They are: Editor, Robert J. Carson; Casenote Editor, Howard S. Chasanow; Recent Decisions Editor, Frank J. Vecella; Assistant Editors, Herbert J. Belgrad, William G. Kolodner, and Joseph A. Matera. The editorships are considered among the top honors granted by the Law School and usually lead to such appointments as clerks to the Judges of the Court of Appeals of Maryland or to Federal Judges in Maryland.

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of General Practice, was held this year on May 5. The program featured a choice of three panel discussions—dermatology, medical diagnosis, and gynecology. Patients were presented in all three discussions.

RESEARCH SYNOPSIS

Mice that develop a pattern of obesity like "middle-age spread" in people have been bred at the School of Medicine by Dr. Frank H. J. Figge, Professor and Head of the Department of Anatomy. Fat mice, like fat men, seem to be heir to many ills, he finds. The new strain of mice is susceptible to a wide variety of cancer, for example, and many of the mice develop diabetes. Older animals often have enlarged hearts and arteriosclerosis.

The Department of Pharmacology has received a three-year grant of \$29,700 from the U. S. Public Health Service for the synthesis of potential anti-cancer agents. Dr. R. M. Burgison, who is conducting the research in collaboration with Dr. John C. Krantz, Jr., states that in the past four years the Department has submitted nearly 500 compounds to the National Cancer Institute for testing against cancer in mice.

The mechanisms of taste and smell in insects may seem a far cry from the action of drugs in mental illness. Research in progress at The Psychiatric Institute, however (based on previous work by Drs. V. Dethier and L. J. Mullins), deals with the possibility that both phenomena may be approached through study of nerve cell membranes and their relationship to the physical properties of molecules to which they are exposed.

This research is being carried out in the Institute's Neurobiology Laboratories, directed by Dr. Robert Grenell. The work of the laboratories, aimed at correlating biochemical and physiological measures with psychological factors, is being supported this year by grants from five agencies. It is, according to Dr. Eugene B. Brody, Director of the Psychiatric Institute, one aspect of the Institute's broad research program studying determinants of human behavior at every level from that of cell biology through that of individual psychoanalysis, to the study of social interaction.

A U. S. Public Health Service grant is supporting a study of psychotherapeutic substances and their effects on brain and behavior. This investigation is based in part on prior work relating to olfaction and taste by Dr. L. J. Mullins, visiting Professor of Biophysics at the Psychiatric Institute.

Dr. Mullins found that both taste and smell depend on the relationship of the

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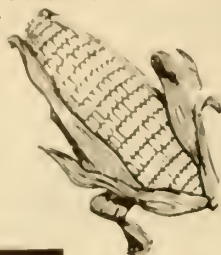
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molecular structure of the receptor cell membrane to the structure of molecules producing the sensation. His current investigation with Dr. Grenell involves the broader study of excitation and depression of nerve cells as influenced by drugs. The object is first to learn more about the structure of the cell membrane and then to test, with drugs of known molecular structure, certain theoretical assumptions about cellular response to drugs. If correct, the theories may lead to methods of predicting drug action on the basis of molecular structure.

A grant from the National Science Foundation is supporting another aspect of Dr. Grenell's study of the cell membrane. There is much evidence to suggest that the membrane is made up of a combination of protein and lipid molecules and this investigation is an attempt, by means of infrared spectroscopy, to arrive at a model of the structure and bonding of this molecular complex. The effect of anesthetics on the molecular structure, as judged by infrared spectroscopy, will also be explored in studies being carried out with Dr. Leopold May.

A third grant, from the National Institutes of Health, supports experiments designed to elucidate specific metabolic pathways in cerebral metabolism. One such study involves mapping adenosine triphosphate concentrations in the brains of various animals under different conditions. (Adenosine triphosphate, or ATP, is the major source of high energy phosphate used by the nerve cell.) Another series of experiments tests the effects of anions on the regulation of brain activity.

The influence of oxygen deprivation on the structure and function of brain cells is being investigated with the aid of a grant from the U. S. Navy. This work, which involves infrared spectroscopy and ultraviolet microscopy, is conducted with brain tissue extracts, and with single nerve cells from the brains of living animals.

Dr. Grenell and his staff are also working in conjunction with the research laboratories of the Division of Harvard University's Department of Psychiatry at Massachusetts General Hospital in studying the effects of sensory deprivation on brain cells. The brain cells of animals shielded from all possible sensory stimuli will be chemically analyzed to determine whether the energy mechanisms of the cells are changed.

In collaborating with Dr. Grenell, Dr. Mullins is pursuing his own primary interest, study of the structure and function of the cell membrane. His work is being supported with the aid of grants from the National Science Foundation, the U. S. Public Health Service, and the Atomic Energy Commission.

The Psychiatric Institute has been awarded \$125,000 from the National

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Institute of Mental Health to support the teaching of medical students and graduate training of psychiatrists. According to Dr. Brody, Director of the Institute, the grant will be used to re-evaluate the curriculum, improve teaching methods, support able teachers, and establish techniques for selecting students capable of advanced work. The grant will also permit expansion of the curriculum to include such behavioral sciences as the psychology of learning, experimental psychology, sociology, anthropology, and study of growth and development of children, particularly as affected by emotional disorders.

DR. KRANTZ RECEIVES TWO AWARDS

Dr. John C. Krantz, Jr., Head of the Department of Pharmacology, was honored by the International Anesthesia Research Society at its 34th congress held recently in Washington, D. C. A scroll presented to Dr. Krantz cited him for "meritorious achievement in research, teaching, and authorship."

Dr. Krantz was recently honored for his 30 years of service to the U. S. Pharmacopoeia, by special citation presented to him at the 1960 decennial convention of the Pharmacopoeia.

FACULTY NOTES

Dr. William Dewey Blake has been appointed Professor and Head of the Department of Physiology. Dr. Blake comes from his post as Associate Professor of Physiology at the University of Oregon Medical School. He is an alumnus of Dartmouth College and received his medical degree from Harvard Medical School. He is a member of the American Physiological Society, the American Society for Clinical Investigation, the Western Association of Physicians, and Sigma Xi.

Students of the School of Medicine recently paid honor to Dr. Dietrich C. Smith, Associate Dean of the School, when they presented him with a plaque "in recognition of his kind, devoted, and unselfish service." In presenting the plaque at a meeting of the Student Council, John P. Light, council president, spoke particularly of Dean Smith's willingness to permit students to make their own decisions relating to student affairs, even though this undoubtedly caused him more trouble. Dean Smith's thoughtful guidance, Mr. Light said, had helped the students overcome many obstacles.

Professor Heinrich von Hayek, M.D., Ph.D., Director of the Anatomical Institute of the University of Vienna, re-

(Continued on next page)

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cently visited the School of Medicine for a series of three lectures. Dr. von Hayek's lectures were based on his many years of intensive research relating to the anatomy and physiology of the lung, conducted at Vienna and before that at the University of Würzburg. He has written scores of articles about the lung and is perhaps best known for his book *Die Menschliche Lunge*. His host at the University, Dr. Vernon E. Krahl, has translated the book into English for the Hafner Publishing Company. The English edition, *The Human Lung*, is intended as a reference work for anatomists, clinicians, and specialists concerned with the lung in health and disease. In this translation an important new section featuring electron microscopy of the lung has been added to the original work.

Dr. Carlo A. Cuccia, Associate Professor of Radiology, left recently for a three-month trip in Europe. He will spend the first month in Paris, where he has been invited to give a series of lectures in the field of radiation therapy of cancer at Fondation Curie, one of the leading cancer centers in the world. Dr. Cuccia will spend the remaining time visiting other leading cancer institutes in England, Denmark, Sweden, and Switzerland.

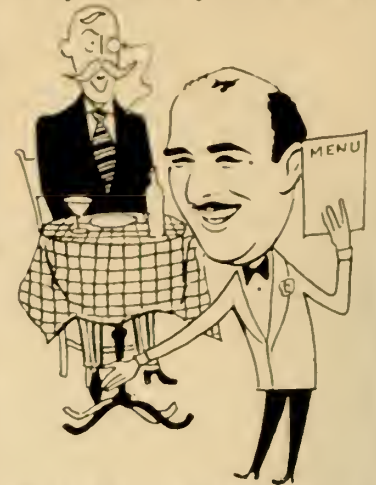
STUDENT NEWS

Warfield Scholarships, which provide full tuition in the sum of \$650.00, have been awarded to five students: Steven E. Beasley, Sherwood E. Wilson, John J. Conroy, Stuart Handwerker, and Edward J. Ruley. These scholarships were established from the income of funds provided by the will of Dr. Clarence Warfield, an alumnus of the School of Medicine. This is the first time that they have been made available to freshman medical students.

Martha Stauffer, senior student at the School of Medicine, won first place in the 1960 student prize-essay competition of the *New England Journal of Medicine*. The prize has a cash award of \$200.00. Her winning essay, reporting the clinical and biochemical features of a fatal case of oxalosis and reviewing the literature about this rare and little-known disease, will be printed in the *Journal* sometime during the summer months. Oxalosis is a metabolic disease of unknown origin. It usually appears in childhood and is suspected when kidney stones occur for no apparent reason.

The University of Maryland chapter of the Student American Medical Association has announced election of the following officers for the 1960-1961 school year: President, William B. Weglicki, Jr.; Vice President, Jon W. Farinholt; Secretary-Treasurer, Kenneth W. Tuttle.

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ALUMNAE NEWS

Dr. and Mrs. S. A. Macis are living in Glendora, California. Dr. Macis was Chief Medical Consultant for the United Fruit Company stationed in Honduras, Central America. Mrs. Macis was Hady Brown, '19.

Mr. and Mrs. John R. Owen, and six children are living in Trenton, Michigan. Mr. Owen is employed by U. S. Steel. The Owens, mother and children, three boys and three girls, joined Mr. Owen in March, 1959, in Trenton. Mrs. Owen was Catherine Kurzenkabe, '43.

Dr. and Mrs. George R. Callender, Jr., have two children, Helen Anne and Ginge David. Mrs. Callender was Helen Welham, '43. The Callenders live in Charleston, West Virginia, where Dr. Callender has a very large practice.

Mrs. Mary Benevick Nowland, '55, writes, "We are being transferred to Newfoundland in January, 1960. Greetings to all our friends and classmates."

Mrs. John B. Magruder, '09, who has been visiting her daughter, Mrs. Catherine Magruder Small, '39, in California, has returned to 579 Woodbine Avenue, Towson, Md. Mrs. Magruder was with her daughter for about one year.

Mrs. Mary Reinhart Anderson, '53, writes us, "I am here in Charlottesville, Virginia, because my husband is in school. We are expecting that he will graduate in June and after that my plans are very indefinite. I am currently employed at the University of Virginia Hospital as night supervisor. We have one child, age three, named Mary Frances."

CARDIOVASCULAR NURSING STUDIED BY BETTY SHUBKAGEL

Miss Betty Lou Shubkagel, Assistant Professor of Medical and Surgical Nursing, recently completed a course in cardiovascular nursing at the University of Minnesota School of Public Health.

In participating in the course Miss Shubkagel had an opportunity to exchange ideas with nurses and physicians in the school, which is one of the world's leading centers of cardiac surgery.

She participated in the care of patients at the Variety Club Heart Hospital, where she also observed open heart surgery, followed patients in home

(Continued on next page)

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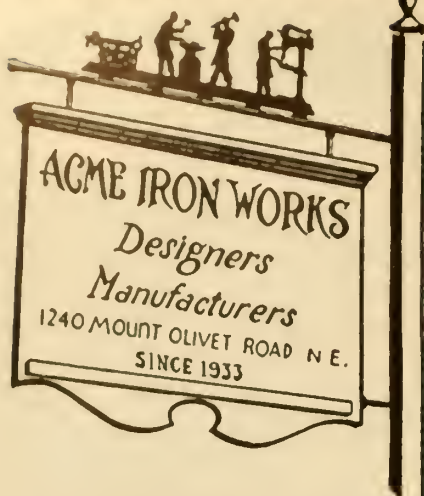
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care, attended classes in physiology and pathology, and took part in medical conferences at which interesting heart cases were presented and discussed.

Miss Shubkagel is a graduate of the University of Maryland School of Nursing and holds a master's degree from Emory University, Atlanta, Georgia.

Alumni Association
School of PHARMACY
University of Maryland

B. Olive Cole, Chairman
Publications Committee

The Annual Meeting of the Alumni Association of the School of Pharmacy, University of Maryland, was held on May 5, 1960, in the Kelly Memorial Building.

President Victor H. Morgenroth, Jr., welcomed the members and friends, gave a short résumé of the activities of the year, expressing appreciation of the privilege of serving as President, with cooperative committees, which successfully planned and executed the many affairs of the year.

Dean Noel E. Foss reported receipt of special grants to the School of Pharmacy; also the appreciation of the continued support of the Alumni Association in providing \$400.00 annually to secure a like amount from the American Foundation for Pharmaceutical Education for undergraduate students.

Executive Secretary, Frank J. Slama, read communications from members and organizations.

Mrs. Frank M. Budacz gave the annual report of the Treasurer, which included money from dues, the proceeds from the Souvenir Program of February, 1960, and contributions to the Scholarship Fund—the balance representing a tidy sum for the 1960-61 activities. The Treasurer's report was audited by H. Nelson Warfield, Frank L. Black and John F. Wannenwetsch.

Reports were received from the following standing committees: Executive Committee, Chairman Samuel Portney; General Chairman, Irving I. Cohen; Program Committee, James P. Cragg, Jr., Chairman; Ticket Committee, Alexander M. Mayer, Chairman; Public Relations Committee, Milton A. Friedman, Co-Chairman; Entertainment Committee, Robert J. Kokoski, Chairman; Place and Arrangement Committee, Sam A. Goldstein, Chairman; Publications Committee, B. Olive Cole, Chairman; Deceased Members Committee, Francis S. Balassone, Chairman; Student Recruiting Committee, H. Nelson Warfield.

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Chairman; Student Aid and Scholarship Committee, Samuel I. Raichlen, Chairman (read by Joseph Cohen); Membership Committee, Mrs. Frank M. Budacz; Kelly Memorial Committee, Simon Solomon, Chairman; Committee on Honored Alumnus, Joseph Cohen, Chairman.

The Public Relations Committee recommended that a Bulletin of the Association be published four times a year, and that mailings be sent to each member of the Association.

The Committee on Honored Alumnus, Joseph Cohen, Chairman, reported that Mr. Ellis B. Myers was chosen as the Honored Alumnus.

Mr. H. Nelson Warfield, as Chairman of the Recruiting Committee, recommended that the title of the committee be changed to "Careers in Pharmacy"; that the Maryland Pharmaceutical Association and the Baltimore Metropolitan Pharmaceutical Association be invited as co-sponsors with the Alumni Association, and that attention be given in advising Guidance Counsellors in regard to the advantages of students in Pharmacy.

The Student Aid and Scholarship Committee reported 29 applications for scholarships and one loan. Ten students were selected from this group and eight scholarships were awarded. One student withdrew from the course and two did not pass the requirements of the first semester for continued scholarships.

Mr. Samuel Portney was selected as the representative of the Alumni Association at the graduation exercises at College Park, to greet the graduates of the School of Pharmacy as they receive their diplomas.

Upon presentation by the Nominating Committee, Samuel Portney, Chairman, the following were elected as officers for 1960-61: Honorary President, Mrs. Frank M. Budacz; President, Irving I. Cohen; First Vice-President, James P. Cragg, Jr.; Second Vice-President, Sam A. Goldstein; Executive Secretary, Dr. Frank J. Slama; Treasurer, H. Nelson Warfield.

Executive Committee: Victor H. Morgenroth, Jr., Chairman; Milton A. Friedman, John F. Neutze, Robert J. Kokoski. B. Olive Cole and Noel E. Foss are Ex-Officio Members.

They were installed at the annual banquet on June 2, 1960.

Candidates for the B.S. in Pharmacy and for graduate degrees were elected to membership.

Joseph L. Muth was elected as an Associate Member of the Association.

The Annual Alumni Banquet was held in the new Baltimore Student Union Building on June 2, 1960, following the Convocation of the School of Pharmacy in the new Library Building of the pro-

(Continued on next page)

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Parents of the graduates were espe-
cially invited to attend the banquet of
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and many were present.

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LT. COL. TURTON, left, receives Legion of
Merit award from Maj. Gen. Funk.

COL. TURTON AWARDED LEGION
OF MERIT

Lt. Col. John S. Turton, USAF, '59,
has been awarded the Legion of Merit
for exceptionally meritorious conduct
in the performance of outstanding ser-
vice during the period July 15, 1955
to June 1, 1959. Col. Turton is Deputy
Director, Equipment and Installations,
AMC Ballistic Missiles Center, Ingle-
wood, California.

Major General Ben I. Funk, Com-
mander, San Bernardino Air Material
Area, presented the award.

PEPPERRELL PHASES OUT

Mr. George J. Dillavou, Director of the
Atlantic Division, announced that the
University of Maryland Program has
been discontinued at Pepperrell Air
Base, Newfoundland. The Air Base is
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The graduation of three military personnel from Pepperrell in May marked a fitting climax to the program which had been offered there since 1951, when the Atlantic Division was established.

The three graduates included the following: Major Eric O. Rodenbee, USArmy, Military Studies; Captain Dan Edwin Dulaney, USAF, Military Studies; and CWO Edwin Durward Dickerson, USAF, General Studies.

MUNICH BRANCH FEATURED

"Maryland's Campus in a Kaserne" was the title of a brief feature on the Munich Branch which appeared in the European *Stars and Stripes*.

The photograph feature contrasted the traditional aspects of American college life with the unique characteristics of life in the two-year program at the Munich Branch.

Nearly 400 sons and daughters of U. S. military and foreign service personnel, stationed throughout Western Europe, are students at the Munich daytime branch which is located in McGraw Kaserne.

DRAZEK ELECTED TO NUEA BOARD

University College Associate Dean Stanley J. Drazek was elected to the Board of Directors of the National University Extension Association at its 45th Annual Meeting in late April. He will serve from 1960-62.

Dr. Drazek, who attended the four-day session in Chicago, was also appointed chairman of the NUEA Committee on Extension Services for the Armed Forces for the forthcoming year.

DR. HALLINAN READS PAPER

Dr. Timothy Hallinan, of the Far East Division, read a paper not long ago to a group of Korean scholars on the recent economic and social development of Europe and the Far East. His paper will be appearing in the first number of the Korean *Journal of the Social Sciences and Humanities*.

COL. SKEATH COMPLETES COURSE

Army Lt. Col. Elbur J. Skeath, '55, recently completed the six-week military comptrollership course at the Finance School, Fort Benjamin Harrison, Indiana. Col. Skeath was trained to utilize the most up-to-date techniques and procedures in the performance of comptroller functions under the Army command management system.

(Continued on next page)

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U OF M AIRS "OPINION"

Every Sunday morning a program goes on the air which requires the presence of two full-time staff members of the University of Maryland.

The program is called "Opinion" and is offered through the Far East Network of the Armed Forces radio system. It is sponsored by the Far East Network and by the University of Maryland's Far East Division. It is considered perhaps the most popular public affairs program in the Far East. Many outstanding persons have appeared on the program including Mr. Burdick and Mr. Lederer, authors of *The Ugly American*; James Michener, Tennessee Williams, and Erskine Caldwell.

SOCIAL NOTES

MARRIAGES AMONG NURSING ALUMNAE

Sarah Gayle Hamlen, '52, to Mr. Robert N. Gartside, on August 15, 1959.

Kari Margaret Lenning, '53, to Mr. Kenneth S. Schoening, on February 14, 1959, in Greenwood, South Carolina.

Mrs. Alma (Wilson) Clancey, '58, to Mr. Frank H. Collier, on September 21, 1959.

Ethel Hom, '50, to Captain in the Army Engineers, in 1957.

BIRTHS TO NURSING ALUMNAE

To Mr. and Mrs. Richard Lee Morgan, a daughter, Amelia Ruth, on February 7, 1956. And Charlotte Ariel, on September 12, 1957. Mrs. Morgan was Charlotte Ariel Hager.

To Dr. and Mrs. Hector Jimenez, a daughter, Laura Jean, on April 28, 1958. And Sylvia, on November 25, 1959. Mrs. Jimenez was Margaret M. Beede, '50.

To Lt. and Mrs. Ben Nowland a son, Matthew Stephen, on October 15, 1959. They also have a son Michael. Mrs. Nowland was Mary Benevitz, '55.

To Mr. and Mrs. Andy Bittner, a daughter, Cathy, on December 7, 1959. Mrs. Bittner was Margaret Walter, '49.

To Major and Mrs. W. Donald Hartsock, a son, Daniel Lewis, on March 6, 1959. They have three other children, Tom, eight years, Jim, seven, and Ann, five. Mrs. Hartsock was Nancy Jean Franklin, '47.

To Mr. and Mrs. Frank Hoover, III, a son, Wesley Clark, on October 19, 1959. Mrs. Hoover was Joanne Clark, '47.

To Mr. and Mrs. James R. Young, a son, Charles Edward in September.

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1959. They have three other sons, Gilmour, born in May, 1956. Timothy Paul, May 1957, and Ronnie, Junior, in June, 1958. Mrs. Young was Nancy Jo Kohlhoss, '53.

To Captain and Mrs. Moy On Chin, a son, Mark Alan, on September 12, 1958. Mrs. Chin was Ethel Hom, '50.

To Mr. and Mrs. Franklin J. Porter, Jr., a son, William Daniel, the past summer. (This is the third son.) Mrs. Porter was Catherine Reinhart, '54.

To Dr. and Mrs. William Fishbein, a girl in 1960. Mrs. Fishbein was in the class of 1958.

To Mr. and Mrs. Romon Nagorka, a boy, in February, 1960. Mrs. Nagorka was Patricia Thayer, '57.

To Dr. and Mrs. Fred Connelly, a girl, Julia Ann, on March 6, 1960. Mrs. Connelly was Nellie Pardew, '55.

To Dr. and Mrs. Hector Ramirez, a daughter, Linda Ann, on March 24, 1960. Mrs. Ramirez was Margerie Ann Rohwedder, '59.

To Mr. and Mrs. George Kropinski, a daughter, Tammy, on March 23, 1960. Mrs. Kropinski was Patricia King, '59.

To Mr. and Mrs. James Jones, a daughter, Lynne Reni, on March 17, 1960. Mrs. Jones was Barbara Palmer, '58.

To Mr. and Mrs. McEntire, a boy on January 4, 1960. Mrs. McEntire was Mary Lee Thompson, '54.

To Mr. and Mrs. Charles H. Fleming, a daughter, Cynthia Ann, on February 29, 1960. Mrs. Fleming was Rebecca Anne Hamilton, '59.

To Dr. and Mrs. George Lentz, Jr., a daughter, Pamela Ann, on February 29, 1960. Mrs. Lentz was Shirley Jane Bramble, '56.

ENGAGED

Mr. and Mrs. Jess Brickman of 8400 Hartford Avenue, Silver Spring, have announced the engagement of their daughter, Jill Barbara Brickman, to Mr. David Potter, an instructor in a District Elementary School, who is taking his Master's Degree at the University of Maryland.

Miss Brickman is a freshman in the College of Education.

A December wedding is planned.

WEDDINGS

Vivian Lee Turner, A & S. '57, recently married Gershon Kekst, A. & S. '56. The couple now make their home in New York.

U. S. Air Force 1/Lt. William G. Gorman, who completed the Bachelor of Science in Military Studies in January, 1960, was married to Miss Francine Ann Dicostanzo recently. The bride is from Melrose, Illinois.

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Dr. Cox

Dr. Carroll E. Cox, Professor of Botany, died June 24 at the Prince Georges Hospital, following a long illness.

Considered one of the University's outstanding lecturers, Professor Cox taught his first classes on the College Park campus in 1944. He joined the faculty as an Assistant Professor and reached the rank of full Professor by 1950. He was graduated from the University of Delaware with distinction in 1928, received an M.S. degree in 1940 from the Virginia Polytechnic Institute and the Ph.D. degree from the University of Maryland in 1943.

His professional affiliations included membership in the Botanical Society of America, American Physiological Society, Washington Academy of Science, and President of the Botanical Society of Washington.

In addition to his memberships in professional associations, Dr. Cox was a member of Sigma Xi and Phi Kappa Phi honorary fraternities.

Devoted to his field, he was a prolific writer and editor of numerous symposia. Dr. Cox was a guiding light in the study of the physiology of fungi. He took time even in his final illness to come to the Department of Botany to participate in the examination of one of his students.

Dr. Cox was active in the affairs of the community, serving at one time as a member of the College Park Town Council. He was Vice President of the campus Faculty Club and Chairman of the original committee which drafted the Faculty Plan of Organization.

Dr. Cox is survived by his wife, Elizabeth, and a son, Julian.



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DR. JOHN C. WESSELL

Dr. John C. Wessell, a graduate of the Medical School, died recently at his home. He was 83 years old.

Dr. Wessell was licensed to practice medicine in North Carolina in 1900. In addition to his private practice, he held the position of consulting physician and surgeon in the Atlantic Coast Line Railroad Co., was on the staff in four hospitals, and was active in public health organizations. He was a director of the North Carolina Tuberculosis Association, a charter fellow of the American College of Chest Surgeons, a member of the North Carolina and New Hanover County Medical Societies and the American Trudeau Society. He was also the recipient of a bronze medallion issued by the National Tuberculosis Association.

Dr. Wessell was a life-long Mason and a member of the Lutheran Church.

JAMES H. KENDRICK

Capt. James H. Kendrick died of a heart attack recently near his home in Los Angeles. The 32-year-old airborne infantry officer had retired from active duty in 1959, as a result of injuries received during an airborne operation at Fort Bragg, North Carolina, in 1957.

Capt. Kendrick leaves his wife and three children. He is also survived by his parents, Mr. and Mrs. James C. Kendrick of Takoma Park, Md.

CHARLES A. NEAFIE

Dr. Charles A. Neafie, Med. '09, died of a heart attack recently at his home in Pontiac, Michigan. Dr. Neafie served the city of Pontiac as a physician from 1912 until his retirement in 1952. For 35 years he was the city's Director of Public Health. In 1956 he was awarded the Oakland County Medical Society's award for "distinguished service to medicine."

OTHER DEATHS

Dr. Simon J. Brager, Assistant Professor of Surgery at the Medical School, died of a heart attack recently at his home in Baltimore. He was 56 years old.

Dr. Samuel Kraemer, Med. '30, died recently at his home in Jersey City, New Jersey.

Mrs. J. L. McCormack (Abigail C. Ryan, Nurs. '14) died recently. Mary G. Brady, Nursing '11, died last July.

R. Grymes Wysong, Ed. '51, died suddenly on May 10, 1960, at Perry Point V. A. Hospital, Perryville, Md. He served in the U. S. Navy for four years. He made his home with his parents, Mr. and Mrs. Francis Wysong of 636 Rock Spring Ave., Bel Air, Md.

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Volume XXXI Number Six • September-October 1960

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There are great benefits for telephone users in the fact that the Bell System has its own manufacturing and supply unit

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The Cover: With his squads top-heavy with sophomores (there are 38 of them), Tom Nugent, optimistic as usual, believes he has a good season ahead. One of the biggest problems he says, will be "to minimize the errors our young boys might make and to capitalize on our assets in talent and schooling." Some of the powerful teams that the Terps will face this year are Texas, Duke, Clemson and Penn State.

the
Maryland

magazine

Volume XXXI

Number 6

Alumni Publication of
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THE



ALUMNI DIARY

WELCOME HOME . . . IT IS TIME AGAIN TO EXTEND THE HOMECOMING INVITATION and to tell you how sincerely each alumnus is wanted on this particular day. We hope your desire to return is as great as our desire to welcome you back.

Welcome Home carries so many different meanings that each must find the warmth of the two words through his own experience. We can recall it as the greeting to a youngster returning from his first day at school, the first return for a college vacation and the reception following a tour of duty in the military service. It includes the open arms of a child, a fireplace and the aroma which signifies the best in home cooking. Admittedly, the scenes of childhood, just as later college experiences, are viewed with nostalgia through the rose colored glasses which are so much a part of passing time, maturity and memory.

Our invitation, our activity, and our responsibility are best summarized by the story of the mountaineer during the days of the Tennessee Valley Authority development. Through negotiation, the exercise of the right of eminent domain, and condemnation, almost the entire land area behind one of the great new dams had been acquired. One little tract with its log cabin remained. Persuasion, court action and even the threat of forceful eviction failed to budge the occupant who sat in the doorway of his home with his squirrel rifle across his knees. Finally, in desperation, a local preacher was sent to represent the government. He offered more money and a new home in another section. The mountaineer expressed no interest in a better settlement, greater opportunities or even a modern home. The unexpected answer came as he pointed to his fireplace and said, "If the government can move my fireplace without letting the fire go out, I am ready. I promised my ancestors I would always keep their fire burning."

So it is with those of us at the University who say *welcome home*. Our responsibility is to keep the fires of our heritage, tradition, and memory and opportunity burning brightly. We know a portion of the fuel we provide must be in the form of progress, development and construction. The campus must change as physical facilities are altered and expanded so many more young minds may be developed. At the same time, it is our hope that you will always feel the warmth of the welcome that awaits you at the University of Maryland as you remember and knew it.

Embodied in the immediate invitation to come back for another Homecoming is the urgent desire to recall for you those occasions and locations which you remember with the greatest enthusiasm. In the same view we would present to you an expanded campus in which you can have justifiable pride. Some of the old landmarks are gone but many remain as the magnet to draw you back. We to whom the privilege of "keeping the fire burning" has been given, once again say *welcome home*.

WELCOME HOME — OCTOBER 29, 1960

As ever,

DAVID L. BRIGHAM
Alumni Secretary

ALUMNI AND CAMPUS NOTES

Housing Shortage Eased

Faced with a housing shortage, and after consideration of a number of possibilities, the University of Maryland has found a partial solution for students who have been admitted to the University, but for whom there is no permanent housing.

Dr. Wilson H. Elkins, President of the University, has announced an arrangement for housing male students in a limited number of special prefabricated dormitory units. Eighty units, providing for about 640 students, were ready for occupancy September 1, 1960. The State Planning Commission ap-

proved the stop-gap measure to ease partially the University's housing shortage without the necessity of a special appropriation. The units will be self-liquidating and amortized within four to five years.

The units are constructed of aluminum exteriors and insulated wall paneling on the interiors, and are located near Fraternity Row. Each unit, providing approximately 110 square feet of space, houses two men in each room, with complete bath facilities.

President Elkins stated that the largest men's dormitory at College Park had been converted to a women's dormitory and was ready for occupancy

in September. This has helped to ease the need for additional dormitory facilities for women. The 340 upperclassmen who would have been housed there were absorbed into the permanent dormitories.

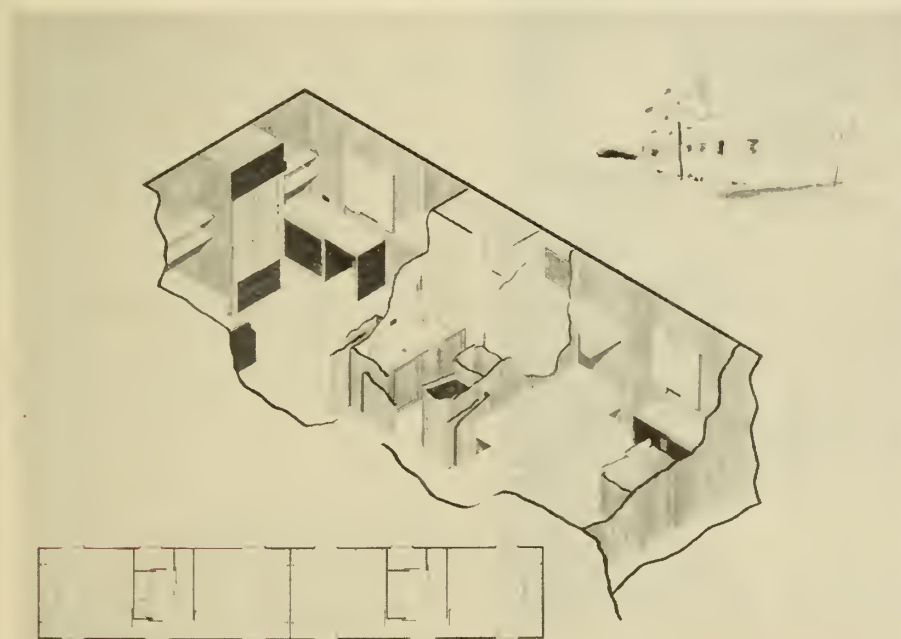
In a letter to parents of the men who live outside commuting distance, and who need housing, B. James Borreson, Executive Dean for Student Life, said:

"You have undoubtedly read of the University's acute housing shortage. The number of qualified high school graduates who have applied for admission, and who require housing, has increased at a much greater rate than could be anticipated, even a few years back."

Dean Borreson also explained how priorities were established in allocating the capacity of the permanent dormitories: (1) upperclassmen who had lived in the dormitories and who had done satisfactory academic work were assigned space; (2) new students whose homes were more than 60 miles from the campus or whose daily commuting time exceeds three hours, were assigned housing (these were students who, in the University's judgment, might be deprived of a college education by being deprived of housing); and (3) other new students were given housing on the basis of the date their application for admission was received by the University.

Dean Borreson assured the parents that "students who accept housing in the new prefabricated units will be given priority over all others when vacancies occur in the permanent dormitories during the year."

Special efforts are being made to assist students who will not be accommodated in arranging transportation to and from the campus in car pools.



AN ARTIST'S CONCEPTION of the new prefabricated dormitory units which will be erected on the University of Maryland campus for students who have been admitted to the University, but for whom there is no permanent housing. Center sketch shows one-half of a unit which will provide accommodations for four students. Lower left sketch shows a complete unit which will house eight students. Top right sketch shows exterior.

McCartney Heads Region

Robert J. McCartney, Director of University Relations, has taken on regional responsibilities with the American College Public Relations Association. Mr. McCartney assumed the chairmanship of the Mason-Dixon District on September 1, 1960. His term is for one year.

Mr. McCartney has also served the organization in a national capacity. He was chairman of the 1960 Honors Competition Committee which arranged for judging and display of public relations projects from hundreds of colleges and universities around the nation.

Building to be Renovated

Funds have been made available to the University of Maryland which will be used for renovating the building formerly owned by the Hecht Company and purchased by the University in 1959.

The grant of \$795,350 by the Surgeon General (to be matched by an equal amount from the Maryland General Assembly) will be of special value to the School of Medicine. Renovation of the building will provide more adequate quarters and expanded research facilities for the medical departments. The School will be able to double its re-

search program in basic medical sciences. In addition, medical students in their first two years will be enabled to have their own laboratory space and equipment available at all hours.

When the renovations are ultimately completed, the building will also house the office of Physical Plant, the Department of Finance and Business, and other administrative units now located in University Hospital and other campus buildings.

Singer at NATO School

Dr. S. Fred Singer participated as lecturer on the subject "Structure of the Earth's Exosphere" at the NATO Summer School on the Physics of the Upper Atmosphere held in the Castello Mimbelli on the Greek Island of Corfu last summer.

The school, sponsored by the Science Adviser and Science Committee of the North Atlantic Treaty Organization (NATO), stands in a long and highly respected tradition of science in which experts in a particular field gather together to study and exchange information about results of research in which they have individually participated. This school is different in that it is supported and financed by an international organization.

HOMEcoming

*October 29th Date Set
Terps Host
South Carolina Gamecocks*

AS A CLIMAX TO THE HOME football season, Homecoming Day will be held on Saturday, October 29. Game time will be 2:00 P.M., when Maryland will take the field against South Carolina.

A full day is planned, including a very attractive buffet luncheon for all alumni, their families and friends at the University Dining Hall. Buildings of special interest will be open to visitors with the new dormitory construction and the partially completed BPA building in the spotlight. There will be the usual outstanding house decorations, the Memorial Chapel with a Meditation period in the morning and the new Library for those who have not yet been through this excellent facility.

At approximately 1:00 P.M. the Homecoming float parade will commence its tour of Byrd Stadium. This will be concluded by the crowning of the Homecoming Queen just prior to the football kick-off.

Following the game, the alumni reception and Coffee Hour will be held in the Student Union Building. The annual Homecoming Dance will conclude the day.

Additional details are being sent alumni through the Alumni Office at College Park. For reservations and information, call APpleton 7-5745 or address your inquiry to the Alumni Office, College Park, Maryland.

University of Maryland Fund

The Greater University of Maryland Fund office is now in the process of making plans for the 1961 program. As in the previous three campaigns, the general canvass will start in early spring. With the vast number of Maryland alumni scattered all over the country, the task of organizing a group large enough to conduct the canvass properly rests solely on the cooperation rendered by alumni. Contributions and work of the alumni in the past have indeed been felt in every department of the University.

(Continued on page 25)



BOYS STATE, sponsored by the Maryland Department of the American Legion, convened on the College Park campus June 20-24. The 230 boys attending donated their shirts for Chilean relief. Shown as they gathered the shirts together are, l. to r., Daniel R. Pearson from Princess Anne, Mayor of Maryland City; Kenny Rice from Frederick, Mayor of Legion City; and Joseph P. Colly from Dundalk, Governor of Boys State. With the boys is Daniel H. Burkhardt, Adjutant, Department of Maryland, American Legion, who was Director of Boys State.

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PhD, MS in Physics and Mathematics

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Expanding Educational Opportunity in Maryland

Edwin Warfield, III

*Chairman, Governor's Commission to Study the
Problem of Expansion of the University of Maryland*

BY JOINT RESOLUTION THE 1959 SESSION OF THE GENERAL Assembly of Maryland requested Governor J. Millard Tawes to appoint a Commission to study the expansion of the University of Maryland. The Commission reported to the Governor and the General Assembly in February 1960 and has distributed copies of its report to persons throughout the State in response to requests.

The Commission is pleased to have this opportunity to present a brief account of its work and its recommendations in *The Maryland Magazine* for the information of alumni of the University.

Expansion of higher education in Maryland has been under study because there is a clearly predictable increase in the number of students who will be seeking to attend college. During the next ten years Maryland college enrollments will grow as much as they have in all past history. Conservative estimates led the Commission to the inevitable conclusion that the number of Maryland students attending college will double by 1970 and will triple by 1980.

These are not guesses that come about by adding many different possible trends. These predicted increases in college enrollment are based on the increased number of boys and girls who are now or soon will be attending our school systems,

and the number who can be expected to graduate and attend college. These figures are valid, short of national or international disaster. For example, slightly less than 30 percent of the Maryland residents who graduate from high school go on to college. The Commission did not go into the prediction that an increased percentage would go to college, although this is probable as the future unfolds.

Of the approximately 25,000 Maryland citizens who are enrolled in colleges as full-time undergraduate students, 13,000 are enrolled in Maryland public colleges, 4,000 are enrolled in Maryland private colleges, and 8,000 are enrolled in institutions outside the State of Maryland. While the Commission's principal job was to look at the expansion of the University of Maryland, it quickly recognized that this must be viewed with full regard for all higher education in the State of Maryland. As citizens of Maryland—as persons who have resided for a long time in the State—the Commission members recognized the contributions being made by the public colleges and private colleges within the State.

There is a wealth of material that is available from studies of higher education in Maryland and in other states. Under the leadership of Mr. Harry E. Hasslinger, of Prince George's County, and with the aid of Mr. Howard H. Anderson, of

Somerset County, and Dr. Walter Hastings, Jr., of Dorchester County, a committee of the Commission reviewed prior reports on higher education in Maryland and brought this information to the attention of all of the members of the Commission.

In order to view the results of studies in other states, Delegate Charles B. Huyett, of Washington County, aided by Mr. William L. Wilson, Jr., of Allegany County, reviewed many reports of educational studies in other states and brought pertinent information to the entire Commission membership.

In any projection of plans for expansion, it is important to examine cost. Under the leadership of Mr. Walter F. Perkins of Baltimore, and with the aid of Senator Edward O. Weant, of Carroll County, the Commission reviewed a number of careful and thorough analyses of costs of alternate plans that might be developed.

Accurate predictions of the number of students to be expected were important to the Commission in order that it might lay plans for expansion. Dr. Wilson H. Elkins, President of the University, served as Chairman of a committee to develop this information for the Commission. He was aided by Mrs. Dorothy Shipley Granger and Dr. Edward F. Cotter of Baltimore.

In preparing the report of the Commission, and in bringing this information to the attention of the public, Senator Edward O. Weant, of Carroll County, and Delegate Joseph D. Tydings, of Harford County, worked with various other members of the Commission.

The Commission reviewed the possibility of recommending that all University expansion of undergraduate work take place at College Park, and in the process found that a large proportion of the total costs would be in the construction of dormitories and dining hall facilities. The Commission found that total costs for a boarding student vary from \$7,000 to \$8,000 in capital improvement investment, and that half of this cost is for living and dining facilities. There developed a very serious question in the minds of the members of the Commission—whether it would be wise to call for such large expenditures for living facilities and for the annual maintenance costs of these facilities, or whether it would be better, with the same total expenditure, to develop twice as much in the way of academic facilities for students who can commute to campus locations.

The Commission reviewed the growth in undergraduate enrollment at the University from 1954 to 1959 and found that total enrollment has increased 34 percent, or approximately 7 percent each year. Further, the Commission found

that the University, under a definite policy, had reduced the percentage of out-of-state students from around 32 percent to slightly under 20 percent. The increase in enrollment of students from Maryland had been 45 percent during the period 1954 to 1959, or an average of 9 percent each year.

The Commission felt that in viewing needed expansion it was necessary first to reach agreement on the basic principles that would govern its deliberations and recommendations. It developed the following four major factors to be kept in mind continually in the course of its study:

1. THAT EDUCATIONAL FACILITIES SHOULD BE MADE AVAILABLE TO EVERY MARYLAND CITIZEN ON AS EQUITABLE A BASIS AS PRUDENT USE OF RESOURCES PERMIT.
2. THAT THE QUALITY OF EDUCATION IN MARYLAND SHOULD BE MAINTAINED CONTINUALLY AT A HIGH LEVEL.
3. THAT COLLEGE ENVIRONMENTS SHOULD BE SUCH AS TO ENCOURAGE THE FULL DEVELOPMENT OF ABLE STUDENTS AND TO ATTRACT HIGHLY QUALIFIED FACULTIES, AND
4. THAT ECONOMY OF EXPANSION AND OPERATION MUST BE MAINTAINED IN OBLIGATION TO THE STUDENTS AND TO THE TAXPAYERS OF MARYLAND.

The Commission reviewed high school graduate numbers in the various counties and Baltimore City, and the increase that can be expected during the next ten to fifteen years. Approximately three-fourths of the potential college students in Maryland can be expected to come from Baltimore City, the urban areas of Baltimore, and from Prince George's and Montgomery counties. The Commission felt, in viewing these figures, that the people of Maryland would continually realize the importance of serving the entire State, and the importance of developing a plan that would give a better opportunity to attend college on a commuting basis to students throughout the State.

AS A RESULT OF THE INTENSIVE STUDY, THE COMMISSION concluded that the expansion of the University of Maryland should emphasize the development of a network of four-year colleges that could serve large numbers of students on a commuting basis, and that could offer students the opportunity:

to prepare for teaching in the elementary or secondary schools; to take those courses that would lead to a Bachelor of Arts or Bachelor of Science degree in the general area of arts and sciences; and to take all of the essential courses of the first two years of college so as to transfer to highly specialized courses in the junior and senior years in such areas as agriculture, home economics, and engineering.

The Commission concluded further that these colleges would need to reach reasonably sizeable enrollments in the foreseeable future if they were to be economically constructed and operated—enrollments nearing 1,000 students and preferably higher.

In studying Garrett and Allegany counties, it was apparent that if a new center were developed, both the existing Teachers College in Frostburg and the new center would be too small for economical operation. For the southern Eastern Shore it was clearly apparent that the existence of the State Teachers College in Salisbury and Maryland State College in Princess Anne meant no new college was needed. It was also clearly apparent that the State Teachers College in Salisbury was ideally located to serve more broadly the needs of the area.

With reference to serving the northern part of Baltimore City and the counties to the north of Baltimore, the State Teachers College in Towson has an ideal location near the new beltway that is partially developed and which when completed will allow rapid movement from the major traffic arteries that serve the area. As a university center, Towson could be expected to grow very rapidly.

In serving Prince George's and Montgomery counties and the area immediately south of Baltimore, College Park is located ideally with respect to the large and rapidly increasing number of Maryland high school graduates, and no new four-year center is needed.

In view of the entire study, the Commission recommended that the first phase of an expansion program be the combination of the educational resources which the State has established at the State Teachers Colleges in Frostburg, Salisbury, and Towson, and at the University of Maryland in College Park.

The Commission recommended a second phase that would be the establishment of similar centers to serve three other regions of the State that do not have public four-year institutions. These would be centers located in the central or northern part of the Eastern Shore, in Southern Maryland, and in the Washington and Frederick County area.

The Commission felt that the combination of the Teachers Colleges and the University should be accomplished and in operation before the second phase was undertaken.

In viewing the total number of students who could be expected to attend college in Maryland, the Commission projected the enrollments that would be expected if its recommendations were placed into effect, and projected that there would continue to be rapid growth in the junior colleges and in the other public colleges in Maryland. To be sure that the projections of the Commission would not in any manner neglect the fact that private institutions could also be expected to grow, the plan of the Commission avoided including those students who might be expected to attend the private institutions in the State should they choose to expand in relation to the increased number of students who are seeking to enter college.

The Commission has estimated that the entire expansion program for the ten-year period ahead, including the construction of the necessary facilities for undergraduate work at College Park, the additional facilities for expansion of the State Teachers Colleges in Frostburg, Salisbury, and Towson, and for the establishment of three new centers, will cost approximately \$49,000,000. Approximately \$15,500,000 would be needed to properly prepare for the 9,600 additional students who would come to College Park; \$13,000,000 would be needed for the 5,200 additional students who could be expected to enroll at Frostburg, Salisbury, and Towson; and \$9,800,000 would be needed for the 2,400 additional students who might be expected to enroll in the three new centers. In studying the dormitory needs, the Commission felt that a total of approximately \$10,700,000 would be needed during the period for dormitories to serve College Park, Frostburg, Salisbury, and Towson. These dormitories would house students too far from the center for commuting. The Commission did not feel that the new four-year centers should be planned to include dormitories.

In reviewing the entire situation, the Commission felt that if its complete plan were adopted, the cost for facilities per student would be slightly lower than if this entire expansion were undertaken at College Park.

Widespread attention has been given to the recommendations of the Commission and many expressions of support have come from groups throughout Maryland who feel that the recommendations are sound and in the best interests of higher education.

Copies of the full report of the Commission are available for distribution. I should like to encourage all persons who are interested to request a copy by writing to me at Box 1674, Baltimore 3, Maryland.

A Triumph in Puerto Rico

GRAND, MASSIVE, PRECISE AND MAGNIFICENT WERE WORDS used to describe performances of the University Chapel Choir at the international Festival Casals staged this summer in San Juan, Puerto Rico.

Accompanied by Director Fague Springmann and personnel of the Department of Music, the specially picked choral group spent a week on the island commonwealth rehearsing and performing Brahms', German Requiem, Haydn's, The Seven Last Words of Christ, and Beethoven's Choral Fantasy.

At its first rehearsal more than 100 University of Puerto Rico students heard drifting through the campus in the morning the powerful voices singing over the 65-piece Festival Orchestra, and dropped in at the University Theater to find out how some 200 persons plus the orchestra could fit on their small stage. They were surprised to find less than half the number of singers they expected, and they stayed to hear the swelling tones of Fague Springmann, as he sang the solo baritone part of Brahms' Requiem.

▼ THE UNIVERSITY CHAPEL CHOIR in rehearsal, Pablo Casals conducting.



The beach at La Concha Hotel, where the group stayed, is one of the newest and most inviting in San Juan and was entertaining enough by itself for the group's first day. Many practiced their college Spanish with bell boys, some stuffed themselves on fresh pineapple, while others viewed the city from the tenth floor Mirador Room. The hotel bill, and other trip expenses, was shared by the Festival, the University of Maryland, and the Greater University of Maryland Fund.

Following the Saturday morning rehearsal, almost every choir member could be found at the beach or around the swimming pool. Soloist Fague Springmann even sat on the beach for a short while, but stayed out of the water to protect his voice. Later in the day, he returned to his room to spray his throat before the evening performance, which music enthusiasts described here as "faultless."

Of his performance as soloist, the newspaper *El Mundo* said: "This baritone possesses a voice imposing in power, rich in color and deeply emotional in expression."

SPRINGMANN, PROFESSOR OF MUSIC AT MARYLAND FOR eight years, left after the Festival for London where he recorded ten American Negro spirituals with the London Symphony. Following a whirlwind trip on to Germany and Spain, he returned to New York to perform at the Empire State Music Festival at Bear Mountain State Park. He then returned to College Park, to begin preparations for the choir's next school year. He has scheduled seven major works for the group next season.

A man who made his debut in Carnegie Hall nine years ago, Springmann has been a soloist with the Telephone Hour on television. When he performed the German Requiem in San Juan he thought, as he confesses he always thinks during this work, of his eight-year-old daughter who died last year of leukemia. A former National Red Cross Girl of America, she was kept alive on more than 200 blood transfusions.

During rehearsal and performance sessions, most eyes were kept on the choir's conductor, Dr. Hugh Ross. Last year, he





◀ *Alumni hosts to members of the Chapel Choir. From left: Drs. J. R. Rolenson, Miguel Alonso and Manuel Rodriguez.*

directed the orchestra for the opera *La Boheme* at the Lyric Theater in Baltimore. In 1957, he inaugurated the National Chorus of America established by the U. S. Brewers Foundation with a concert in Baltimore. He has also been guest conductor for the University choir in several cities on numerous occasions.

He is best known, however, for his Schola Cantorum choral organization in New York City. He has had the group for 30 of its 50 years of existence. With Leonard Bernstein, he has performed on "Star Time," a network television show from New York.

During the rehearsal with orchestra, Ross stopped and started his 140-member aggregation over and over again. A hard task-master, the former Englishman snaps with a voice something akin to that of Cyril Richard, "Strings—F is a forte and not a fortissimo; not a fortissimo!"

During the more forceful passages, the rehearsal audience and the orchestra were startled and fascinated with his antics—rocking up and down on his toes and throwing his fist toward a section of the chorus he wants to direct. Turning to the orchestra, he illustrates rhythm and "punch" sometimes by thrusting his finger at them in time to the music.

After the first rehearsal, he was complimented by members of the orchestra, both for his control and for the quality of the choir itself. He received these while mopping his brow for, though the theater is air-conditioned, Ross had worked himself up into a mezzoforte sweat.

In spite of making such hard work out of it, Ross explained here that he always enjoys conducting the Chapel Choir. Because so many of its members are voice majors, he says, they approach being a professional crew of young ladies and gentlemen—"very superior for a college chorus." He explained, too, that very few student groups could hope to sing above a full-size orchestra such as this one.

The entire Maryland contingent were the guests of the University of Maryland Alumni chapter in Puerto Rico at a special luncheon in the San Juan Intercontinental Hotel. Chairman for the occasion was Dr. J. R. Rolenson, a 1916 graduate of the University's Medical School in Baltimore.

World-famous artists who appeared on the Festival program were Andres Segovia, guitarist; Mieczyslaw Horszowski, pianist; and the Festival Casals Director, Pablo Casals, conductor and cellist.

Topping the list of memories of their island visit will be the recollection by members of the choir of hours of rehearsal and performance under such distinguished conductors as Dr. Hugh Ross, Alex Schneider, member of the Budapest String Quartet, and associate conductor for the Festival; and, of course, the Maestro himself—Pablo Casals.

Worth reading to their grandchildren will be the review in *El Mundo* which said, "the tenth concert (the choir's performance of the German Requiem) will go down in history as the most brilliant of the Fourth Festival, and possibly of all the Festivals . . . the directors have brought us a magnificent chorus of wide vocal resources, excellent balance and admirable discipline."



▲ *The Choir's spirited arrival, above, is in sharp contrast to its exhausted departure, pictured below.* ▼



New Regent, Faculty Appointments

Mr. Case Appointed, Mr. Brown Reappointed to the Board of Regents;
Dr. Hornbake Appointed Vice President for Academic Affairs

RICHARD W. CASE
Member, Board of Regents

RICHARD W. CASE, BALTIMORE ATTORNEY AND ONE OF Governor Tawes' chief advisers on taxation and fiscal matters, has been appointed to the University of Maryland Board of Regents. He succeeds Enos S. Stockbridge.

An alumnus of the 1941 graduating class, Mr. Case earned his law degree from the University's Law School in 1942. As an outstanding law student, he was honored with membership in the Order of the Coif and served as Student Editor-in-Chief of the *Maryland Law Review*. From 1943-54, Mr. Case was a lecturer in federal taxation at the School of Law. Mr. Case presently serves as a member of the Board of Trustees of the Peabody Institute and of the Maryland School for the Blind. He is a partner in the law firm of Smith, Somerville and Case and a member of the Maryland, Baltimore and American Bar Associations. He has been prominent in recent years as a leader in governmental reorganization commissions.

Mr. Case is married to the former Betsy J. Carson, Class of '43.



B. HERBERT BROWN
Member, Board of Regents

REAPPOINTED TO THE BOARD OF REGENTS WAS B. HERBERT Brown, Baltimore educator and President of the Baltimore Institute. Mr. Brown has served on the Board since 1951.

Mr. Brown was Vice President of the University of Baltimore in 1941 when he resigned to organize and establish the Baltimore Institute. The Baltimore Institute is a coeducational school that offers preparatory, business and adult educational courses.

Mr. Brown is an Associate Director of the Speedwriting Publishing Company and a member of the Advisory Board of the Steed College of Technology. He served two terms as President of the Maryland Association of Business Schools and as President of the Delaware, Maryland, and District of Columbia Association of Business Schools. He is the founder of the Dale Carnegie Course Sponsors' Association and served two terms as President of that body.

Mr. Brown is married to the former Ann Oldham. They have one daughter.

Both terms were effective June 1. The 1960 General Assembly revised the terms for Board of Regents members to a maximum of two consecutive seven-year appointments.



DR. R. LEE HORNBAKE
Vice President for Academic Affairs

DR. R. LEE HORNBAKE, DEAN OF THE FACULTY, HAS BEEN given the title of Vice President for Academic Affairs by the Board of Regents.

Dr. Hornbake, who came to the University of Maryland in 1945, is eminently qualified as an educational administrator. He received his M.A. and Ph.D. degrees from Ohio State University and, in 1949, took a year's leave of absence for post-doctoral study in education and business administration at Harvard University. Appointed Head of the Industrial Education Department in 1954, he has been instrumental in developing a graduate program which attracts doctoral candidates from many states.

Dr. Hornbake was appointed Dean of the Faculty in 1957. His duties as Vice President will be similar to those performed by the Dean of the Faculty, with academic matters clearing through his office.

At their June meeting, the Board also approved the appointment of Dr. Helen E. Clarke, University of California Assistant Dean of Students, as University of Maryland Dean of Women. Dr. Clarke will succeed Dean Adele Stamp, who will retire in November after 38 years of service at College Park.

DR. VERL S. LEWIS
Dean, School of Social Work

DR. VERL S. LEWIS, A PROFESSOR OF SOCIAL WORK AT THE University of Connecticut, has been appointed to head the University of Maryland's new School of Social Work.

The new professional program, which will be the only school of social work in the State, was approved by Maryland Governor J. Millard Tawes and by the State Legislature during the 1960 session, following its presentation and support by the University administration. It will be located on the Baltimore campus.

During the coming year, Dr. Lewis will develop a curriculum leading to a master's degree in social work, recommend faculty for appointment, develop an internship with the established social agencies in Maryland, and initiate library holdings essential to the School. It is planned to have the first class enter in September 1961.

President Elkins, commenting on the appointment of Dr. Lewis, said:

"Dr. Verl S. Lewis is well qualified to organize and administer the School of Social Work, which is to be located on the Baltimore campus. During the current academic year, he will be engaged in employing a faculty, formulating a curriculum, and establishing working relationships with social agencies in Baltimore and other parts of Maryland.

"There has been considerable interest shown in the development of these programs, and I am confident that Dr. Lewis will find a cooperative attitude wherever he turns for assistance."

A native of Miller, South Dakota, Dr. Lewis has had 25 years of experience almost equally divided between responsible positions in social agencies and academic appointments in institutions of higher education.

(Continued on page 21)



Your Alumni Council Officers

ELIZABETH ROHR SINGLETON

ELIZABETH ROHR SINGLETON HAS BEEN ELECTED PRESIDENT of the General Alumni Council, the first woman ever to hold that post.

Mrs. Singleton served as Vice President of the Alumni Council last year and is a Past President of the Nurses Alumnae Association.

While a student at the School of Nursing, she held the Nurses Alumnae Association and Dr. Frank Marino scholarships. She was awarded a Bachelor of Science degree in 1947, and a Bachelor of Nursing Education degree in 1951. She has done graduate work at the University of Maryland and Johns Hopkins University.

Mrs. Singleton has been active professionally, serving at different times as Supervisor and Instructor of Auxiliary Personnel, University Hospital; Clinical Instructor, School of Nursing; and Director of Guidance and Coordinator of Student Personnel Services at the School of Nursing.

In addition to her membership in the Nurses Alumnae Association, Mrs. Singleton is a member of the Maryland League for Nursing and the National League for Nursing. She belongs to the Maryland State Nurses Association and the American Nurses Association.



Mrs. Singleton

DR. WILLIAM H. TRIPLETT

DR. WILLIAM H. TRIPLETT, A 1911 GRADUATE OF THE BALTIMORE Medical College, which later became the University of Maryland, will be serving his third term as a Vice President of the Alumni Council. He is a past president of the Medical Alumni Association and has served as its Executive Director since 1954.

Dr. Triplett is a veteran of both world wars, serving with the Army Medical Reserve Corps in Europe during World War I and as surgeon of the 29th Infantry Division in World War II.

Associated with the University of Maryland faculty since 1924, Dr. Triplett has always taken an active part in University and alumni affairs. In addition, he is active in all Masonic bodies and the American Legion. He has served as President of the Association of Military Surgeons of the United States. He maintains an active interest in several wildlife and sportsman's organizations.

Dr. Truitt



Dr. Triplett

DR. REGINALD V. TRUITT

DR. REGINALD V. TRUITT, '14, OF SOLOMONS, MARYLAND, has been elected Vice President of the General Alumni Council.

Dr. Truitt has been associated with the University since 1910 when he came here as an undergraduate. He received an A.B. degree in 1914 and earned an M.S. degree in 1920. He then continued his graduate work at American University where he was awarded a Ph.D. degree in 1929. Dr. Truitt also did post-graduate work at the University of Berlin. While continuing as a student in graduate work, Dr. Truitt was also working as a teacher at the University. Beginning as an instructor in 1918, he attained the rank of full professor in 1926, a position he held until 1943. From 1943 to 1954 when he retired, Dr. Truitt served as Director of the Maryland Department of Research and Education. Dr. Truitt is the author of a large number of reports and articles and is a member of many professional organizations.





Do You Remember?

THE ABOVE PHOTOGRAPHS WERE MADE FROM A POSTCARD found in a bookstore in Hagerstown and lent by Frederick De Marr. The foot-ball team members have not been identified, but the writer of the card is thought to be Paul Revere Little of Funkstown, who was graduated from the University in 1911 and was last heard of as Secretary of the Lions Club in Elizabeth City, North Carolina.

The reverse side of the card reads:

"I will be up for two days next week. It has been fully decided that we should go but they are not positive about the senior class. It will cost about \$150 to bring the whole bunch and they do not know if they will have that much cash or not. This is our bunch of foot-ball players at present.

Son."

The *Reveille*, published by the Senior Class of 1911 and found in the Maryland and Rare Books Department at the University Library, cites Paul Revere Little as "Prin. Mus. of Band."

The Library would like further information on this postcard. Can anyone help to identify the people or the incident? If so, please contact:

Howard Rovelstad, Director of Libraries, McKeldin Library, University of Maryland, College Park, Md., or call WARfield 7-3800, x341, or Mrs. Harold Hayes, Librarian, Maryland & Rare Books Department, McKeldin Library, University of Maryland, College Park, Md., or call WARfield 7-3800, x666.

Maryland Books and Authors

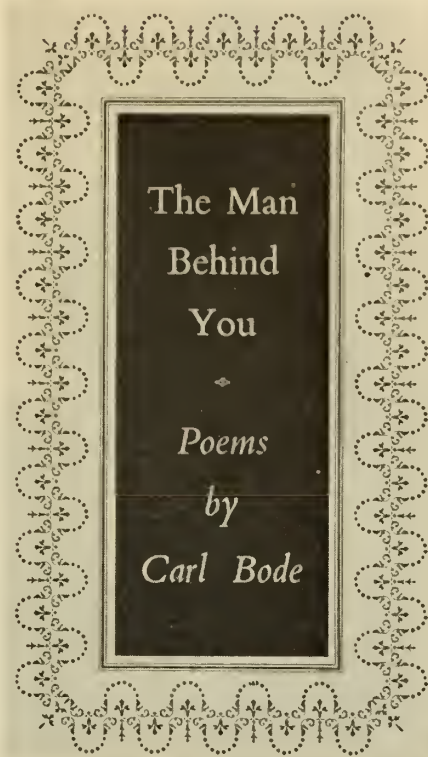
Edited by Mrs. Harold Hayes, Head, Maryland and Rare Books Department

Rode, Carl. *THE MAN BEHIND YOU; POEMS*. New York: Dutton, 1960. \$3.50.

PROFESSOR BODE HAS ACHIEVED DISTINCTION in the three fields of scholarship, diplomacy, and poetry. His editions of Thoreau and his two volumes of cultural history, *The American Lyceum* and *The Anatomy of American Popular Culture, 1840-1861*, prepared the way for his outstanding success as cultural attache to Great Britain (1957-1959). A number of the poems in the present volume were written during this London period; and the volume was first published in England by Heinemann before its American presentation. Also recently appearing in England have been the extremely interesting separate series of poems called *The Calendar of Love*. These were published by the Fantasy Press in Oxford, and from this series several of Professor Bode's best poems have found their way into the present collection—among them "To Michele," in which we see the poet's most mature style—urbane, wisely traditional, decorously ironic, alive with metaphysical and symbolic depth, and at the same time achingly human:

*and when our bodies turn
To touch, even our words will rise
and burn,
Free, high, long after the fire has
softly guttered,
Until we lie at last, almost asleep,
in this our bed,
With all the good words still being
said
But now, merely murmured, or
muttered.*

If we agree with Auden that there are two kinds of poetic imagination and that the Primary Poetic Imagination is concerned with the evocation of "sacred beings," we shall put many of Professor Bode's poems in the category of the Primary Imagination; for characteristic of Professor Bode's poetry is the reality of his "angels"; nor is he afraid of the word itself:



*Angels will take your coat and shoes,
their dark
Eyes shining . . .
—a marble wing shall
move above.
Angels shall topple on us as we
die for love.*

And when Professor Bode describes the deer at Richmond Park in one of his *London Sonnets*, they too become angels:

*These are my angels—or as close to
angels
As I come—fair, unfallen, innocent
Of treason . . .
Mindless and beautiful they appear
to me.*

But often it is nothing more than a color or smell which will suddenly take on angelic numinosity:

*The oily smell of life everlasting clings
To all it touches.
The black pool poured upon the
sunken grave
Gleams as it smudges.*

Or again:

*How green the green at Salem is,
The lawn below the sea,
So lay a lace upon the face,
The face no longer his
Nor like to be,
A gauze upon the curious gaze
And then in sea-green fear
At the trees bent over the lawn
Let him go his curious ways,
Or far or near,
To the richness of the water.*

One of the strongest of these "angelic" images is that of the "drunken child" in the final poem of the volume; to quote this poem in full will illustrate the cultural scope and religious intensity of Professor Bode's verse:

*Now hear the drunken child. It speaks
in Hebrew,
Demanding eggs and love and
candlewick
(Who cuts the corners of his hair is
wild);
Red are your eyes, and your own
shouts are thick.*

*Now see the blundering bird, loose
in the temple,
Wildly flapping in its frantic flight
(The crazed morocco binding on the
Word)
The while you flail, and shatter the
only light.*

*Now taste the wines within the silver
vase
Till tongue can tell the mystery of the
child
(Shallow yet terrible in its designs)
Till lust and innocence are reconciled.*

*Then on the Christ-child's hand the
bird shall rest
(And all derangement of the sense be
blessed).*

—REVIEWED BY DR. RUDD FLEMING,
ASSISTANT PROFESSOR, ENGLISH
DEPARTMENT, UNIVERSITY OF
MARYLAND.

UNIVERSITY SPORTS

By JOE BLAIR Sports Editor

New Football Season Underway

FOR MARYLAND FOOTBALL PLAYERS the 1960 season began back in the early part of the summer. With a series of weekly letters Coach Tom Nugent kept in contact with his players, informing them of his plans as they developed.

When they reported on August 30 they were mentally prepared to start

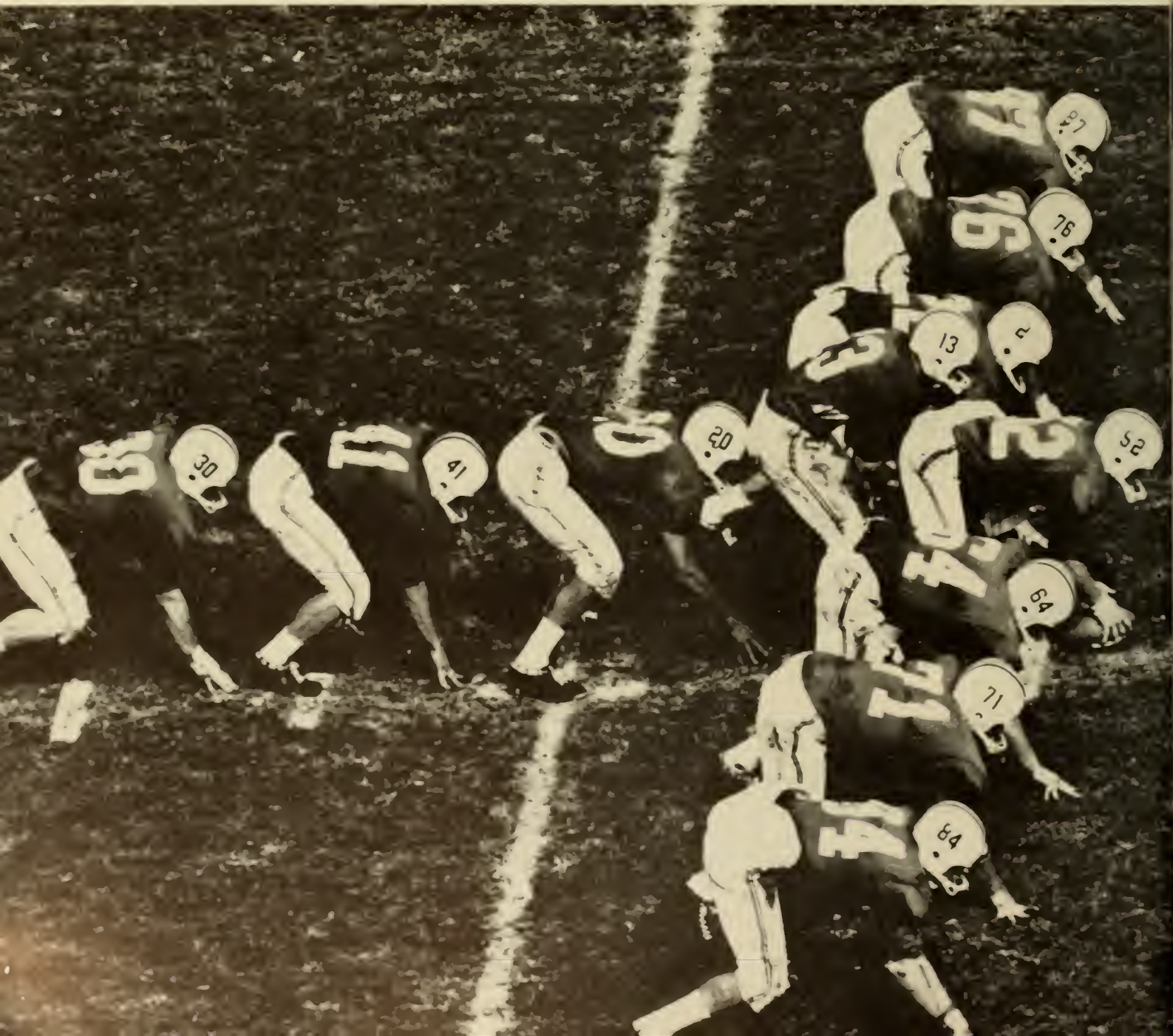
work on a rigorous schedule which includes Texas, Duke, Clemson and Penn State. The next day they breakfasted at 7:30 and underwent physical examination at 9 and then they suited-up in spanking new uniforms to meet the press. The all-day session attracted approximately 40 newspapermen, and

radio and television reporters. Highlight of the day was a luncheon talk by Tom Nugent.

For the next ten days the intense two-a-day sessions were in full operation.

For these ten days, breakfast was at 7, a meeting in the stadium from 8 to 9, dress, and on the field at 9:30. The

▼ THE UNIVERSITY OF MARYLAND'S now famous "I-formation" received special attention during early pre-season practice.



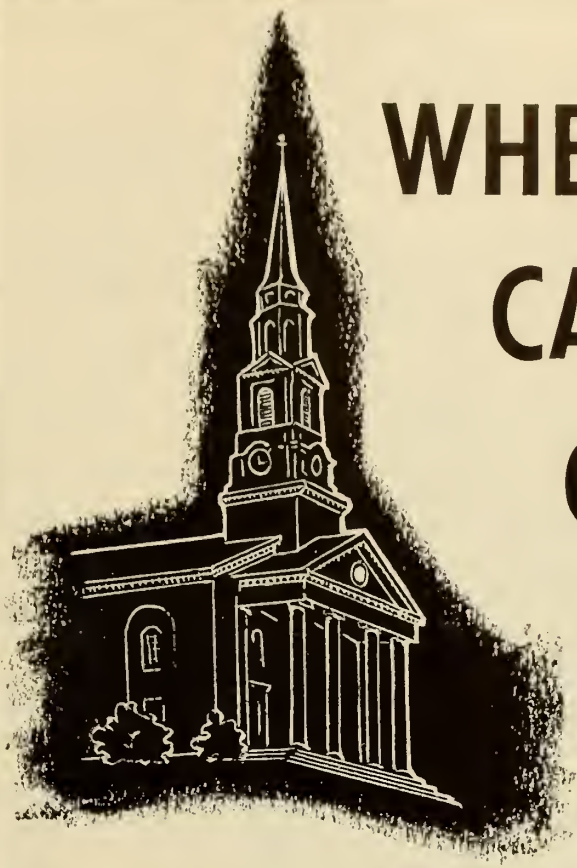
morning session ended at 11:30, lunch at 12:30, then a few winks in the sack. Back to the stadium for the afternoon class period at 3, then on the field at 4. Shortly after 6, the hard day came to a close. Dinner at 7, then down the street and into air-cooled Albrecht's drug store for a cold lemonade or two. There wasn't much need to enforce a lights out or bed check for most had "hit the pad" long before. The "knocking" had started: aches, pains, and bruises piled up. The muscles that had become a little soft during the summer were hardened, and by September 12 a few more smiles could be seen; one-a-day practices started and the opening kickoff five days later could be sensed.

WITH FOOTBALL GETTING THE attention it commands from the public and press, the fall sports that help to make up the successful sports program at the University were also underway. Jim Kehoe's cross country team, winners of the ACC championship twice in seven years, have been off to a good start and had their eyes set on the first ACC title for the Terps in the new school year. And Doyle Royal's all-conquering soccer team continues to be the best in the South and is almost assured of its eighth consecutive conference championship. Royal's booters have won all seven titles and last year went to the NCAA championships.

As football, cross country, and soccer meet their challenges, the popular winter sports programs are in their long and arduous practice sessions. Of the four winter sports, the Terps have three defending team titlists: indoor track, swimming and wrestling. Basketball coach Bud Millikan has promised another fine team, but it is quite an assignment for the basketball team to win year in and year out in the real tough ACC basketball league. Sully Krouse's wrestling record continues to be spotless. His teams have won the Conference title each of the seven years and have not lost a match in the league. Jim Kehoe's indoor track team has captured the league title six of the seven years. Kehoe won't predict another title for this year, yet. The Terp swimming team is expected to be the best Coach Bill Campbell has had. He created quite a fuss around the league last winter as his Terps won the ACC title over the perennial powers of North Carolina, Duke, and N. C. State. It was the fitting climax to only the fourth year of swimming at Maryland, to win his first championship.

The 1960-61 athletic year at Maryland looks like another top one. They have dominated the Conference championships in the past seven years, and will strive to maintain the reputation as the finest athletic program, not only

(Continued on next page)

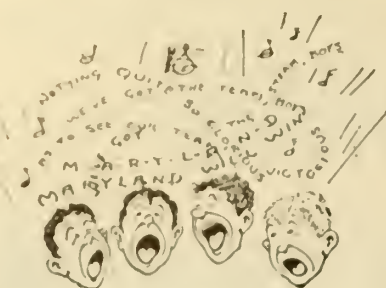


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| ★ Sond Knit | |
| ★ Louisville | |

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|---------------|------------------|
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| ★ Browning | ★ Heddon |
| ★ Duxbok | ★ Monlogue |
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Sports

Continued from page 19

in the ACC, but most any college or university one could name.

1960-61 Sports

BASKETBALL

Dec.	1	Penn State	Home
	3	*Virginia	There
	6	George Washington	Home
	10	Minnesota	There
	13	Georgetown	There
	17	*Wake Forest	Home
	28-31	Dixie Classic Raleigh, N. C.	
Jan.	7	*South Carolina	Home
	11	Georgetown	Home
	14	*Duke	There
	16	*North Carolina	Home
	18	Navy	Home
	21	*North Carolina State	Home
Feb.	2	*North Carolina	There
	4	*Wake Forest	There
	10	*Clemson	There
	11	*South Carolina	There
	13	*North Carolina State	There
	16	*Duke	Home
	18	George Washington	There
	22	*Virginia	Home
	25	*Clemson	Home

Mar. 2-4 Atlantic Coast Conference Tournament
Raleigh, N.C.

* Atlantic Coast Conference Games.

HEAD COACH: H. A. "BUD" MILLIKAN

WRESTLING

Dec.	10	North Carolina State	Home
	19	Virginia	Home
Jan.	14	V.P.I.	Home
	21	Navy	Home
Feb.	4	Penn State	Away
	11	Pittsburgh	Away
	24	North Carolina	Away
	25	Duke	Away

Mar. 3-4 Atlantic Coast Conference Tournament Home

HEAD COACH: WILLIAM "SULLY" KROUSE

RIFLE

Dec.	10	Army & VMI	Home
Jan.	14	Penn State	Away
	21	V.P.I.	Home
Feb.	15	Navy	Away
	18	U.S.C.G.A.	Away
	25	Citadel	Home

HEAD COACH: 1SGT. DAVID PRUITT



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Appointments

Continued from page 14

FACULTY, ADMINISTRATIVE APPOINTMENTS

THE BOARD OF REGENTS HAS ANNOUNCED THE APPOINTMENT of two new department chairmen.

Dr. Charles E. White, Professor of Chemistry since 1937, was named to succeed the late Professor Nathan L. Drake as Chairman of the Department of Chemistry, College Park. Dr. John I. White was named Professor and Head of the Department of Physiology in the School of Dentistry, Baltimore.

Dr. Charles E. White holds B.S., M.S. and Ph.D. degrees from the University of Maryland. He took post-doctoral work at the University of Illinois and New York University. He has been a member of the faculty since 1923, and has been chairman of general chemistry since 1929.

Dr. John I. White holds degrees in chemistry, biochemistry, physiology and analytical chemistry from Blackburn College, University of Illinois and Rutgers University. He has been associated with the University of Maryland since 1950.

Board approval was also given on the promotion of Dr. H. Gerthson Morgan to Director of the Institute for Child Study. Dr. Morgan, who has been Assistant Director of the Institute since 1951, will succeed Dr. Daniel Prescott who is retiring for health reasons. Dr. Prescott will continue as a full-time Professor in the College of Education and also will hold the title of Director Emeritus.

The Board also announced additional appointments to the faculty: Dr. George M. Brown was named Associate Professor of Chemistry. Dr. Marvin Zelen was named Associate Professor of Mathematics. Dr. Leda A. Wilson was appointed Associate Professor of General Home Economics. Dr. Charlotte Seyffer was appointed Professor of Nursing in the School of Nursing.

Other faculty appointments include: Dr. Alan Pasch, an Assistant Professor at Ohio State University, was named Associate Professor of Philosophy. Dr. Conley H. Dillon, a Professor at Ohio University and a government consultant, has been appointed Professor of Government and Politics.

The Department of History has added two faculty members to its staff. The two new appointees are Dr. David N. Farquhar, who was graduated with a Ph.D. degree this year from Harvard University, and Dr. George L. Yaney, a Princeton University graduate. Both new staff members are specialists in an eastern area: Dr. Farquhar specializes in Chinese, Japanese and Mongolian history, speaking and writing these languages; Dr. Yaney will teach courses on the Soviet Union. The History Department has added a number of new courses dealing with these areas.


Dr. William S. Spicer, Assistant Professor of Medicine, has been promoted to Associate Professor in the School of Medicine. Newly appointed Baltimore campus faculty members include: Dr. Patrick B. Storey, Director of Professional Services with the Baltimore Veterans Administration Hospital, as Professor of Medicine; and Dr. Russell R. Monroe, Associate Professor of Psychiatry at Tulane University, as Professor of Psychiatry at the Psychiatric Institute.

James P. Hill, Supervisor of Pupil Personnel for the Caroline County Board of Education, Denton, has been appointed Associate Director of Registrations at the University.

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By SALLY LADIN OGDEN

With a bit of Autumn in the air, the Homemaker turns her attention to her family's comforts, her home needs and preservation of her own energies to conform with the easy way of summer living.

Exciting things are happening in the kitchen today! Imagine being able to cook delicate custards on top of your gas range without a double boiler, mashed potatoes that stay moist and warm for an hour or more without sticking to the bottom of the pan, cocoa that never forms a scum, batch after batch of golden griddle cakes, each one perfect, pressure cooker foods without constantly adjusting the temperature, deep fat frying without smoking, perfect hollandaise sauce as easy as boiling water?

And you needn't even be in the kitchen!

These are just a few of the magic tricks you can perform today. What makes this possible? It's the new younger sister of the dependable oven heat control—the revolutionary new thermostatic top burner heat control which automatically maintains temperature settings, making the cooking of even the most delicate foods absolutely foolproof.

If you haven't seen one, here is how it works:

The control consists of a small sensing element in the center of the burner, which literally "takes the temperature" of the cooking utensil and signals this temperature to the thermostat controlling the burner. When the food in the pan drops below the pre-selected temperature, the sensing element automatically signals the control and the flame increases again. When the food is cooked, the "burner with a brain" cuts the flame low to keep the food warm until ready to serve. Even fried eggs will stay warm and tender for an hour.

For Maryland

For best results, flat-bottomed pans should be used. The part of the pan which rests on the sensitive heat control, which is about one inch in diameter, should be in contact with the entire sensing element.

An ordinary flat-bottomed utensil becomes an automatic appliance with foods cooked to perfection every time. Best of all, burning, scorching, boiling over, under cooking and over cooking, become a thing of the past. Since this is an automatic control on your gas range, you needn't even be in the kitchen. Just set it and forget it!

The revolutionary new top burner heat control can also be hooked up to the griddle, deep well cooker, or one or more top burner units. Or, if you prefer, you could have it installed on the griddle and a top burner. Many families will probably want it on several burners, because the control makes it possible to use the top of the gas range for such foods as delicate custards, upside down cake, puddings, and so on, which ordinarily have to be cooked in the oven because they require even, constant temperatures. Too, custards, puddings and difficult sauces, such as hollandaise can be cooked without a double boiler.

Vacuum type coffee can be made without removal from the burner or change of adjustment, since the "burner with a brain" automatically reduces the gas flame when the coffee is done.

Yes, indeed, kitchen magic is no trick at all these days.

While most prospective buyers already know what they want in a range, they are frequently faced with the problem of finding a manufacturer who supplies all of the features they want in a stove.

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Women

By using a chart as a reference guide, the housewife can see at a glance which of the 40 manufacturers offers the special features she is seeking. With a total of 77 features covered by the chart, it is easy to see that the latest model gas ranges have something for everyone.

The chart supplies pertinent information on both free standing and built-in ranges. Its primary concern is with the availability of special features and does not attempt to show combinations of features on a specific model. It may show, for example, that a particular manufacturer makes ranges with six top burner units and also a griddle on the top section. But this does not necessarily mean that both of these features are included on the same model.

More and more women are indicating interest in colored appliances. This is particularly true in cases where the homeowner is planning a new kitchen. This year, A.G.A. has added a special supplement showing the names of 19 manufacturers offering a choice of 16 color and metallic finishes.

These are: porcelain enamel in white, black, brown (wood tone), gray, copper, green, blue, pink, red, tan, and yellow. Metallic finishes come in antique bronze, antique copper, bright chrome, satin chrome, and stainless steel.

White remains the color choice of most women, but green and yellow are becoming increasingly popular. Stainless steel is the favorite metallic finish.

A total of 21 manufacturers now offer five and six burner units for top of the range cooking. Many of these extra burners may be converted to a griddle or additional work surface. The housewife can also choose the burner arrangement she prefers—divided top, clustered, staggered, or all-in-a-row. The

fact that 37 manufacturers now offer divided top arrangements suggests a preference for this type. (Divided top has a work space in the center with two burner units on either side of it.)

Oven windows are available on 36 models, proving that many women like and choose this feature.

But the real trend is toward the latest automatic timing devices. Automatic timers for top of the range burner units enable the housewife to control the cooking time of that particular burner. If, for example, her deep well cooker is equipped with an automatic timer, she can set it to turn off the stew or soup at a pre-arranged time.

Automatic thermostats for top burners are also new. They control the size of the flame which in turn controls the intensity of the heat. One manufacturer enthusiastically refers to this recent device as the greatest improvement in the gas range since the advent of the thermostatic oven control in 1915. Since 80% of all cooking is done on top of the range, these automatic devices save the cook valuable time from pot watching.

The automatic thermostat is particularly useful in frying eggs, cooking certain sauces, for deep fat frying, and similar cooking where controlled heat improves the food and eliminates the danger of guess work. One manufacturer is offering an automatic timer control on the built-in rotisserie and broiler units of his range.

The need for special cooking utensils has been done away with by the incorporation of rotisseries, griddles, and deep fat fryers, right in the range itself. They also enable the housewife to add greater variety to her daily menus. In cases where these special appliances are equipped with an automatic timer or automatic thermostat, the results are perfect every time and the cook need not even be in the kitchen.

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Maryland Women

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SOUTHCOMB, 109 E. Baltimore Street was established in May of 1885 and have been located on Baltimore Street ever since, featuring men's hats and caps made by Stetson, Borsalino, Peschel, Vimenet and Mallory in felt hats and Stetson, Brigham-Hopkins and Ecuadorian straws. They also specialize in felt hats under the Southcomb label.

Several years ago when Stetson purchased a shirt and a tie factory, Southcomb added these two items and each year this business has increased.

Southcomb is now showing their new Fall line of men's felt hats in the smaller brims and taper crowns, as well as the new rough finishes. They are also showing medium brims for the more conservative fellow and wider brims for the large man. And don't forget the new cloth hat which is expected to be very popular.

The Fall sport shirt and regular dress shirt line is also ready. Albert H. Morris is president.

WARNER'S, 20 E. Baltimore St., one of Baltimore's oldest top flight Men's Shops, is headed by President Richard T. Skeen, University of Maryland Graduate 1941. Dick has gained fame for his specialty of building head to toe wardrobes for men ready and eager to forge ahead in the world. Drop in, if just to say hello. Then when needs press, let Dick dress you right, for that bright future. Exclusive merchandise at **WARNER'S** includes such famed names as Hickey Freeman, Churchill Hats, Wyeloch, and Nunn Bush, to name just a few.

* * *

ARNOLD'S VILLAGE SHOP, 6034 Baltimore Boulevard, Riverdale, is another place to shop for the "men in your life." There is a complete line of sports wear, beautiful leather gift items, outstanding accessories that can help the most exacting shopper make her selections. The Arnold Village Shop is owned and operated by Ralph M. Arnold. His charming wife, Helen, is on deck to lend a helping hand most of the time.

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From Baltimore drive north to Towson, out on the Harrisburg Expressway to Route 137, turn right to Mt. Carmel road, then left and drive 2 miles to Evna Road, make a right turn and ride about a mile and the mailbox will show the name Knudtsen, turn right.

Campus Notes

Continued from page 4

What the University is asking of you is simply to give three to four hours

of your time to call on seven fellow alumni in your neighborhood. Now won't you jot down on a piece of paper—"let me help the University of Maryland"—and send it along with your name and address to the: Greater University of Maryland Fund, Box E, University, College Park, Maryland.

Library Gains Collection

A compilation of *Oaths of Fidelity, Prince George's County, Maryland, 1778*, has been added to the Marylandia collection at the University Library.

(Continued on next page)

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Dr. Burgers Honored

The Turin, Italy, Academy of Science recently conferred the Professor Mosto Panetti Prize for 1960 on Johann Martinus Burgers, research Professor at the Institute for Fluid Dynamics and Applied Mathematics. The prize was presented at a formal meeting of the Academy as a part of the observances of the centenary of Italian unity.

Alfred University Dean

Dr. John W. Gustad, former Professor of Psychology and Director of the Counseling Center, has been appointed Dean of the College of Liberal Arts at Alfred University.

During the past academic year, Dr. Gustad was Director of the New England Board of Education College Teacher Program.

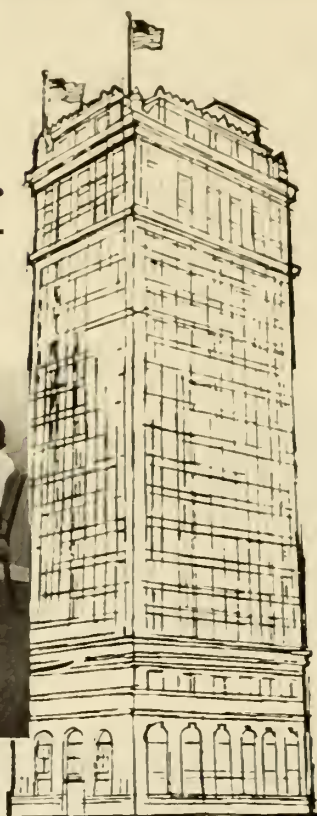
Pangborn Receives Honor

Thomas W. Pangborn, a University of Maryland Regent, was recently accorded a singularly high honor by His Holiness, Pope John XXIII. Mr. Pangborn was appointed a Private Chamberlain of Spada e Cappa (Sword and Cape).

The Private Chamberlains of Spada e Cappa were created by Pope Urban VIII in the seventeenth century. They are selected by the Vatican from distinguished laymen in recognition by the Holy See for splendid work done for God and the Church. These Private Chamberlains are assigned to various services and missions at different times by the Papal Secretary of State.

Mr. Pangborn has been awarded an honor rarely given outside of Europe. He will be the second citizen of the United States to be so honored by His Holiness, Pope John XXIII, for this high office.

First National belongs in your family picture



Now is the time to provide for "that someday"—when those near and dear to you will need the protection and security that you alone can make possible. We will be pleased to discuss with you and your attorney the many advantages of creating a First National Trust Fund either during your lifetime or by your will. In taking this most important step, you will be safeguarding your family's future—and contributing to your own peace of mind as well.

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Dean Jameson to Mississippi

M. Margaret Jameson, Associate Dean of Women, has been appointed Associate Dean of Students at Mississippi State College for Women at Columbus.

A graduate of Lebanon High School, South Carolina, she obtained a B.A. degree from Winthrop College in 1941. In 1948, Miss Jameson received an M.A. degree in educational counseling and personnel administration from Syracuse University.

She also attended the Graduate Schools of Duke University and North Carolina State College where she studied mathematics and engineering.

In 1948 she was appointed Assistant Dean of Women at Vanderbilt University. She was appointed Dean of Women at Texas Western College in 1952, where she remained until her appointment as assistant dean of women at the University of Maryland in 1955.

Plans Studied, Class of '60

Forty percent of the members of this June's graduating class at the University of Maryland who plan to work full-time also plan to do graduate work, a recent survey shows.

The survey was conducted by members of the Student Government Association's student placement committee with the aid of faculty members and Lewis M. Knebel, Director of Placement in the office of the Executive Dean for Student Life.

Part-time graduate study expectancy was greatest among engineers (53 percent of those planning full-time work after graduation) and those majoring in education (47 percent). Those majoring in business and public administration also showed a substantial expectancy of doing graduate work along with a full-time job (40 per cent).

Mr. Knebel considers these figures an indication of what may be a new trend. Graduate study is part of the pattern in education, he noted. Now, however, both government and industry offer inducements for engineers to take graduate study and a master's degree in business administration has also gained a great deal more market value.

In all, 679 of the 957 anticipated graduates replied to questionnaires distributed to them a month preceding graduation in June.

Of those replying, 559 expected to take full-time jobs after graduation, 78 expected to be full-time graduate students, and 62 of the men expected to go into military service. Another 23 of the men and women listed other plans.

By the date of the survey the majority of those planning to work full-time already had jobs or were considering one or more offers. At that time 221 had accepted a job offer, 152 were considering one or more jobs, and 106 were expecting an offer.

The questionnaire also attempted to find the best sources of job contacts for seniors.

Of those who had jobs lined up by the date of the survey 155 gave credit to the University's placement service. Previous work, including summer jobs, proved a close second, with 154 of this group listing it as their source of contact.

Another 120 listed friends and relatives as their means of job contact and

117 listed the college division in their major area of study as a job source.

The survey, initiated last year, is designed to give "an overall picture of our senior class vocationally, not only as a matter of interest but also to find those people who most need help," says Knebel.

Dr. Elkins Serves SREB

Dr. Wilson H. Elkins, President of the University, is one of three prominent Maryland citizens who are serving on major committees of the Southern Regional Education Board. President Elkins, Vice President of the SREB, is serving on the Executive Committee.

(Continued on next page)

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Other Marylanders are Mary Nock of Salisbury, Executive Committee, and Blair Lee, III, a member of the Educational Plans and Policies Committee.

Appointment in Heidelberg

Johanna Martin, A.S. '58, arrived in Paris June 6, to begin a tour of duty overseas with the University of Maryland. From Paris, Miss Martin proceed-

ed to Heidelberg to assume duties as evaluator for the Heidelberg center of the University. She has been in training for the position since February, when she started working in the Admissions Office at College Park. An outstanding undergraduate, Miss Martin was President of Mortar Board her senior year. She was also a member of Alpha Lambda Delta, in "Who's Who Among Students in American Universities and Colleges," a member of Phi Kappa Phi,

and treasurer of the Associated Women Students.

Miss Martin replaces Marjory Fry, who has been appointed Assistant Registrar of the Heidelberg center. Miss Fry, a 1952 Home Ec. graduate, first joined the University overseas in the Far East Division. She was appointed Assistant Director of Admissions and Assistant Registrar in the Tokyo office in 1956. Following her appointment in Tokyo, she went to Heidelberg as evaluator. Miss Fry will replace Mona Bias as Assistant Registrar. Miss Bias, who had been in Heidelberg since 1950, resigned in order to return to the United States.

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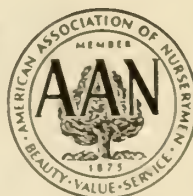
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TV Astronomy Course

The University is offering a television course in space age astronomy beginning October 4.

WTOP, Channel 9 in Washington, D. C., and WMAR, Channel 2 in Baltimore, will carry the course on Tuesday and Thursday mornings from 6:30 to 7 a.m. The instructor will be John M. Cavanaugh, Head of the Department of Fine Arts and Technical Drawing and Curator of Astronomy at the North Museum and Planetarium of Franklin and Marshall College, Lancaster, Pennsylvania. The course will be based on a text by Mr. Cavanaugh and will require no advanced mathematics or science background. The course cannot be used for credit toward a degree at the University.

The astronomy course replaces the elementary Spanish classes which the University held on television last year.

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MULLINIX DIRECTS FIELD SERVICE

Paul Mullinix, '36, has been selected to direct the field services of Southern States Cooperative. The Cooperative that has grown to a \$150,000,000 business made sweeping changes to better serve the people. University of Maryland graduates are playing a major role in this change.

Mullinix started with the small business in 1936 and has grown with the company. He will be in charge of the ten regional units. Clark Nicholson, '41, will head the Seaford, Delaware, region;

William Day, '42, the Madisonville, Kentucky, region; and Robert Bryan '50, the Baltimore region.

Rounding out the new team is James H. Buchholz, '38, who is the new Director of Production and Procurement in the Wholesale Services Division.

Congratulations to all of these "Terrapins" for moving up in their chosen field.

JIMMIE STEVENS HONORED

James W. Stevens, '19, well-known alumnus and Baltimore produce commission merchant and food distributor, was presented a Gold Trading Membership Plaque by A. M. Abrahamson, President of Produce Reporter Company, marking the Stevens firm's fiftieth year of meriting this top credit rating in the produce industry. This emblem of prime credit rating over a period of 50 years is the fourth such certificate ever given in the United States. Our congratulations to Jimmie and his firm.

SHEPARD HONORED BY U.S.D.A.

Dr. Harold H. Shepard, M.S. 1927, Chief of the Agricultural Chemicals Staff, Food and Materials Division of the Commodity Stabilization Service, received a Superior Award from Secretary of Agriculture Benson on May 17. The award was for leadership in "developing, improving, and publishing pesticide statistics; and for significant contributions to defense planning relating to emergency distribution of agricultural chemicals." Dr. Shepard is a lecturer in the Department of Entomology.

MARYLAND COUNTY AGENT RECEIVES STUDY TOUR SCHOLARSHIP

Robert L. Jones, associate Extension agricultural county agent, Carroll County, has been named recipient of a study tour scholarship. Mr. Jones was selected for the scholarship by the Professional Improvement Committee of the Maryland County Agent's Assn. and Dr. Paul E. Nystrom, Director of Extension Service, University of Maryland. One County Agent from each of the 12 Northeastern States was awarded a scholarship for the tour.

Mr. Jones joined the tour group at Rutgers University in New Brunswick, N. J., for a three-week tour that included stops at prominent industrial and agricultural operations in ten states. The tour gave the agents an opportunity to pick up ideas that they could use in promoting continued progress in farming in their home counties.

(Continued on next page)



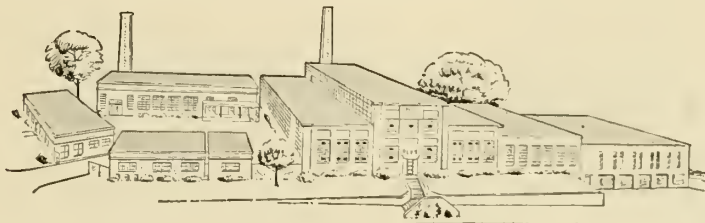
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H. B. DERRICK RETIRES

The retirement of Mr. H. B. Derrick, '17, as county agent for Baltimore County was announced by Dr. Paul E. Nystrom, Director of Extension of the University of Maryland.

Mr. Derrick began Extension work as assistant county agent in Washington County, where he served for several months in 1919. On August 1, 1919, he became county agent in Kent County, a post he held until February 1, 1929, when he became county agent in Baltimore County. Thus, upon retirement he completes 41 years of county agent work in Maryland.

His post as county agent in Baltimore County has been one of the most difficult in the State, because of the complexity of the problems in the county. Despite the great suburbanization now underway, with an accompanying decline in number of farms, Baltimore County still ranks third among the 23 counties of the State, according to the last census of 1955. Of the County's 2,331 farms, 1,372 were commercial farms which are becoming highly specialized and the operators call for very technical information from the county agent's office.

He has been looked to by his fellow Extension workers for leadership, says Dr. Nystrom, and has been honored by his fellow county agents on many occasions. He will be leaving a well organized Extension office and an Extension program developed to a high degree of effectiveness. He will be succeeded in office by Mr. William Max Buckel, '51, who has been serving as associate county agent for Baltimore County.

HAGLER DEPARTMENT HEAD

T. B. Hagler, who received his Ph.D. in Horticulture at the University of Maryland, now heads the Department of Horticulture at Clemson College in South Carolina.

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MR. GAMBRILL CITED FOR LEADERSHIP

Mr. Charles M. Gambrill, '24, was among those cited by the American Society for Testing Materials as "leaders in the field of engineering materials—men who have rendered outstanding service to the American Society for Testing Materials, particularly in its tech-

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nical committee work. . . . He was presented the Award of Merit at the Society's 63rd Annual Meeting.

A member of the Ethyl Corporation of Detroit, Michigan, Mr. Gambrell first joined that company in 1928 as an analyst. He is presently Manager of Analytical Research and Services.

He has served ASTM both by developing new testing methods and in an administrative capacity since 1945.

TWO ALUMNI ORDAINED BY EPISCOPAL DIOCESE

William Francis Myers, '55, and Ned J. Heeter were ordained as Episcopal ministers June 18 by Diocesan Bishop Dun, at the Washington Cathedral. Mr. Myers will serve as vicar of the Chapels of St. James and St. George, chapels which he had served for two previous years. Mr. Heeter will assume new duties as Assistant Minister at St. Matthew's Parish, Hyattsville.

ENGLISH DEPARTMENT NEWS

Professor A. O. Aldridge spent the summer in France in research on French-American literary relations, the field of his two most recent books. Professor Aldridge received a travel grant from the American Council of Learned Societies to enable him to attend the Eighth Congress of the International Federation for Modern Languages and Literatures in Liege, Belgium, where he delivered a paper, "The Problem of Translation in the Eighteenth Century and Today."

Professor James G. McManaway received the honorary degree of Doctor of Letters from Hofstra College in June. During April and May Dr. McManaway gave an extended series of lectures on Shakespeare, under Department of State sponsorship, in the universities of several South American countries.

Three former graduate students of the Department of English received their doctorates in June. They are Harrison Meserole, now an assistant professor at Pennsylvania State University; Richard Herrnstadt, now an assistant professor and chairman of freshman English at Iowa State University; and Nell Love, now an assistant professor at the University of Illinois in Chicago.

Miss Jacqueline Spencer, '60, will be a graduate assistant this year in the Department of English at the Ohio State University.

Dr. Jack Barnes, assistant professor and chairman of Freshman English, has been named one of eight judges in the national Achievement Awards essay contest for 1960 sponsored by the National Council of Teachers of English.

(Continued on next page)

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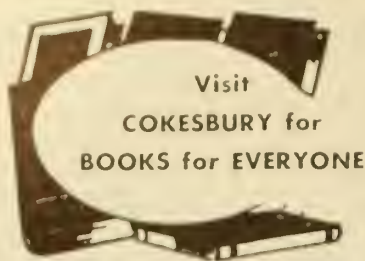
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MARTIN HEADS DISTRICT

Gerard J. Martin, '42, has been named District Sales Manager for American Airlines in Baltimore. He will be responsible for the development of passenger and cargo sales in the Baltimore area. Mr. Martin has served as a sales representative for American in the Philadelphia, Baltimore, Richmond and Washington areas.

DELEGATES TO CONFERENCE

Professor John S. Toll and Associate Professor George Snow were selected as United States delegates to the International Conference on High Energy Physics this summer.

This conference was held at the University of Rochester from August 25 to September 2, with delegates from all countries in which important research in high energy physics is being conducted. Dr. Snow and Dr. Toll reported on the research work done at the University of Maryland in the field of elementary particles, quantum field theory and related topics.

Dr. Toll also served as head of the scientific secretariat which recorded the proceedings of the conference.

A third member of the Physics Department, Assistant Professor Joseph Sucher, attended the conference as one of the scientific secretaries.

DR. JAMES PROMOTED

Dr. Norman James, M.A., '50, formerly Assistant Professor of English at Washington College, Chestertown, Maryland, was recently promoted to Associate Professor. Dr. James recently completed requirements for his doctorate at Duke University.

ALUMNA IN CONGO

Alice Manson Scott, '54, who was married in 1958 to Robert F. Rogers, is presently residing in Brazzaville, Republic of Congo, where Bob is the American Vice Consul. They have one child, Mark Scott.

DR. BODE AT WISCONSIN

Dr. Carl Bode, Professor of English, was elected President of the American Thorcau Society at the group's recent meeting in Concord, Massachusetts.

Dr. Bode is editor and collaborator of several collections of the 19th cen-

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tury New England poet-philosopher's works. These include *Collected Poems of Henry David Thoreau*, *The Portable Thoreau*, and *The Thoreau Correspondence*.

Bode has been a Professor at the University since 1947, with a two-year leave of absence in 1957-59 when he served as Cultural Attaché at the American Embassy in London.

Professor Bode taught graduate courses in American literature at Stanford University during the past summer session, and he is a visiting Professor of English and History at the University of Wisconsin for the current academic year.

MR. POWERS PARTICIPATES IN MANAGEMENT PROGRAM

Lawrence J. Powers, '34, has been selected as one of 134 participants in this year's session of the Advanced Management Program at the Harvard Business School. Mr. Lawrence is the Assistant to the Comptroller General of the United States. All participants are nominated and sponsored by their companies and have been selected by the Admissions Board on the basis of demonstrated ability, leadership qualities, and adaptability in their careers.



Mr. Moon

MR. MOON JOINS NORWICH PHARMACAL

Arthur P. Moon, '48, has been named as senior research parasitologist for the Norwich Pharmacal Co., New York. Prior to joining Norwich, Mr. Moon was a parasitologist at the Walter Reed Army Institute in Washington, D. C., for three years. He was recently released from active duty and holds the rank of captain in the U.S.A.R.

(Continued on next page)

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FORMER DIAMONDBACK EDITOR WINS AVIATION WRITER'S AWARD

Allan C. Fisher, Jr., '41, has been awarded the Aviation Writers Association James J. Strebig Memorial Trophy. The Association awards the trophy each year for the best writing on aviation or astronautics. Mr. Fisher, who is Assistant Editor of the *National Geographic*, is the only member ever chosen twice for this honor. He was winner in 1955 for his article "Aviation Medicine on the Threshold of Space."

The article which earned him top honors this year was "Cape Canaveral's 6,000-mile Shooting Gallery," which appeared in the October, 1951, issue of the *National Geographic*.

Mr. Fisher was Editor of the *Diamondback* when in school.

MISS HENS ELECTED

Ruth Joyce Hens, '49, has been elected President of the Women's Bar Association of the District of Columbia. Miss Hens, who received her LL.B. degree from the George Washington University in 1951, is engaged in the private practice of law in the District of Columbia and Virginia.

Under auspices of the Bar Association of the District of Columbia, and in her capacity as Chairman of the Public Information Committee of the Junior Bar Section, Miss Hens also produces the weekly radio forum discussion program, "District Round Table," heard on radio station WWDC each Sunday evening.

MR. WEED PROMOTED

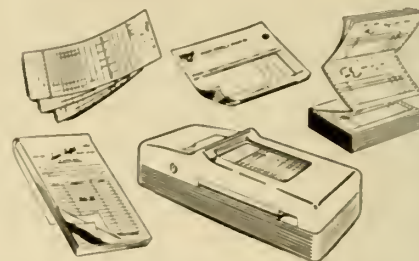
Walter L. Weed, '48, has been appointed Supervisor of Quality Control at the Detroit plant of the Jones & Laughlin Steel Corporation Stainless and Strip Division. Mr. Weed joined Jones & Laughlin in 1954 as a metallurgist.

CAREER AT AIRCRAFT ARMAMENTS

James L. Tobin, Jr., '52, joined Aircraft Armaments, Inc., immediately upon graduation in 1952. He is currently assigned to the Contracts and Legal Division and holds the position of Contract Administrator. Mr. Tobin was promoted to his present position in 1959. Previously he had been a supervisor within the Company's Engineering Services Department. Mr. Tobin continued his schooling at night following his graduation from the University, and in 1957 received his LL.B. at the University of Baltimore. He resides with his wife, Millie, and his three daughters, Susan, Cindy, and Milissa, in Catonsville.

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HERBST GRADUATES

Martin W. Herbst, '59, was graduated recently from the Officer Candidate School at Newport, Rhode Island.

College of

BUSINESS AND PUBLIC ADMINISTRATION

ALUMNUS WINS BUSINESS PAPER AWARD

The *Wall Street Journal* Student Achievement Award was won by a University of Maryland graduate this year. Howard N. Boyer, of Frederick, Maryland, a 1960 graduate of the College of Business and Public Administration, is the recipient.

The award, consisting of a specially designed silver medal, was made for excellent scholarship in finance which Boyer demonstrated during his senior year.

While at College Park, Howard was a member of the Maryland Marching Band. He is a member of Delta Sigma Phi, social fraternity; Phi Kappa Phi, national honorary fraternity; and Beta Gamma Sigma, national business honorary fraternity.

MR. DAVIS GRADUATES

Harry S. Davis, '48, was graduated from the American Institute for Foreign Trade, Phoenix, Arizona, on June 3, 1960. Specializing in Latin America, Davis has taken the Institute's intensive training course in preparation for a career in American business or government abroad.

His wife, the former Barbara Ann Riecks, Nursing, '52, is studying the language and the customs of the country in which her husband plans to work.

Mr. Davis embarked on his foreign trade career with Arbor Acres Farms.

MR. PETERS IN CONNECTICUT

Philip J. Peters, '51, is a representative for Wood, Struthers & Co., in New Haven, Connecticut. With his wife, the former Mary Herr, Ed. '50, and their two children, Mr. Peters makes his home in North Branford, Connecticut.

(Continued on next page)



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**MR. McEVoy IN MANAGEMENT
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Stuart V. McEvoy, '50, LL.B. '53, is one of 90 men admitted to the new Program for Management Development at the Harvard Business School. Mr. McEvoy is District Accounting Manager for the Chesapeake and Potomac Telephone Company of Maryland in Baltimore. The Program is designed for a man in the middle levels of management and aims to increase his effectiveness in his current job, and to develop his potential for broader responsibilities ahead.

**MR. WAGNER ADVANCES AT
PACIFIC MUTUAL**

Richard C. Wagner, '58, Assistant Supervisor for Pacific Mutual Life Insurance Company's Memphis Agency, recently completed an eight-week course in management training. Wagner was one of four field men to take part in the company's first course for assistant supervisors. He has been with the Memphis Agency about a year.

At Maryland, Wagner was active in intra-mural sports and was a member of the Sigma Chi social fraternity. He is currently Tennessee Regional Chairman of the Greater University of Maryland Fund.

J-GRADS: HOW ARE THEY DOING?

More newspaper jobs have opened up within the past year for Maryland journalism graduates than formerly, according to a study of alumni placement.

During the year 26 graduates of the Department of Journalism have gone into writing jobs and 17 into public relations.

Of the department's 298 graduates the last 12 years, 48 per cent are working fulltime in communications jobs. Others have gone into sales, business administration, military service, graduate study, and a few have become housewives.

With a third of the 1960 graduating class of 31 reporting their new jobs, five went into journalism and five into public relations.

Those in journalism are Andrew Greenwell, reporter, Newport News; Thomas Seppy, reporter, AP, Baltimore; William Salter, assistant production manager, Arrow Printing Service, Washington, D. C.; Robert Irelan, copyreader, *New York Journal of Commerce*, Washington, D. C.; Nancy Guthrie, advertising copywriter, Jeleff's, Washington, D. C.

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Those in the 1960 class going into PR are Bruce Brough, Lansburgh's, Washington, D. C.; Salvatore Fertitta, Westinghouse Electric, Baltimore; Arthur Sims, Scott Co., Marysville, Ohio; William Wickert, Bethlehem Steel Co., Bethlehem, Pa.; John Zane, sports publicity, University of Maryland.

Other Journalism graduates receiving promotions or new jobs in journalism the past year are Robert Tall, publisher of *Washington Radio Reports*; Walter Carlson, rewrite, *New York Times*; Philip Geraci, associate editor, *Airlift* magazine, Washington, D. C.; Edward Herbert, night news editor, WTVT, Tampa; Eli Fritz, advertising sales, *Hospitals* magazine, Chicago.

Also, Myra Spectre Treiber, reporter, Plainfield, N. J., *Courier-News*; Adele Chidakel, reporter, Conover-Mast Publications, Washington, D. C.; Harold Burdette and Richard Coburn, reporters, *Baltimore News-Post*; Ralph Crosby and David Heinly, editors, Chilton Publications, Washington, D. C.; Edward Heyman, assistant account executive, Van-Sant Dugdale, Baltimore.

And, John Travieso, writer-broadcaster, Armed Forces Network, Frankfurt, Germany; Carole Bowie, reporter, *Washington Post and Times-Herald*; George Darlington, copyreader, and Sidney Sussman, writer, *Broadcasting* magazine, Washington, D. C.; Gene Famiglietti, reporter, *Army Times*, Washington, D. C.; Milton Godfrey, WTVJ newsreel cameraman, Miami.

Other graduates taking promotions or new jobs in public relations within the past year are Doris Blaney, editorial assistant, *Maryland State Medical Journal*, Baltimore; Paul Waring, Jr., assistant editor, Western Electric News Features, New York City; William Morris and Kenneth Atchison, the Martin Co., Orlando; Frank Weedon, director of sports publicity, North Carolina State College.

Also, Harold Lauth, Jr., assistant to PR coordinator, Kaiser Industries Corp., Washington, D. C.; James M. Smith, editor, Asphalt Institute, University of Maryland; Robert P. Carey, Western Electric, Baltimore; Donald Helfstein, assistant editor, Metropolitan Life Insurance Co., New York City.

And, Robert Nardone, Public Service Coordinated Transport of New Jersey, Maplewood, N. J.; Lawrence Reba, technical writer, Aerojet-General Corp., Sacramento; Robert G. Roberts, advertising and promotion writer, Armstrong Cork Co., Lancaster, Pa.

CAREER AT AIRCRAFT ARMAMENTS

M. Herbert Mitchell, Jr., '53, joined Aircraft Armaments, Inc., after serving two years with the U. S. Air Force. While in the Air Force, Mr. Mitchell was graduated from the Air Force Elec-

(Continued on next page)



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ironics School at Keesler Air Force Base and was subsequently assigned to the 31st Air Rescue Squadron in the Philippines, where he served concurrently as Electronics Officer and Squadron Adjutant. Since joining Aircraft Armaments, Inc. in January, 1956, he has been a member of the Personnel Division. Mr. Mitchell is currently Supervisor of Employment and Training, having been promoted to this position in 1957. He is working for his degree in Electrical Engineering at the Evening Division of the Johns Hopkins University. Mr. Mitchell lives with his wife, Lil, daughter, Louise, and son Bruce at Hillendale, a residential community north of Baltimore.

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GEORGE PURNELL NOW 100

George Purnell, an 1884 graduate from the Dental School, is retired and living in Sierra Madre, California. He is now 100 years old. Dr. Purnell was a classmate of Isaac H. Davis. Several of Dr. Purnell's nephews pursued the study of dentistry, Ralph Truitt graduated in 1886, and G. E. P. Truitt who graduated in 1907 is still in active practice in Baltimore city.

SAMUEL H. BRYANT ELECTED

Samuel H. Bryant, '32, has recently been elected President of the Baltimore City Dental Society. A former native of Chester, Pennsylvania, he has for many years been an instructor in the Department of Oral Diagnosis at the Baltimore College of Dental Surgery, Dental School, University of Maryland. Dr. Bryant has likewise been very active in the State Dental Association and has served as its treasurer for more than ten years.

GENERAL MILLS RECEIVES DISTINGUISHED ALUMNUS AWARD

On Friday, June 3, Major-General Robert H. Mills received the Distinguished Alumnus Award, the highest honor which the Association can bestow. Major-General Mills was the first Two Star General in the Dental Corp of the United States Army. He has in the past received many citations and awards for meritorious military service and he has been the recipient of numerous accolades from the dental profession.

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DR. EMMART HONORED

On Wednesday, June 1, Dr. Lynn Emmart, '22, was inducted into Omieron Kappa Upsilon Honorary Dental Society. This is a unique distinction for there can be but one honorary candidate each year. Dr. Emmart is past president of the Baltimore City Dental Society and a past president of the Maryland State Board of Dental Examiners and is presently serving on that Board. After his graduation in 1922, he served for a number of years as instructor at the Dental School in the field of operative dentistry.

THE KATHARINE TOOMEY AWARD

An award to be presented annually to the member of the graduating class who, during his four years as an undergraduate, has best demonstrated the superior qualities that have characterized the long and valuable career of Katharine Toomey at the School; kindly consideration of his fellow students and faculty, unselfish devotion to the best interests of the School, and dedication to the ideals of the dental profession. This award was endowed by Dr. Lewis C. Toomey, Jr., 1942 and his wife, Mrs. Jane Boswell Toomey, Silver Spring, Maryland.

DANIEL F. LYNCH ELECTED

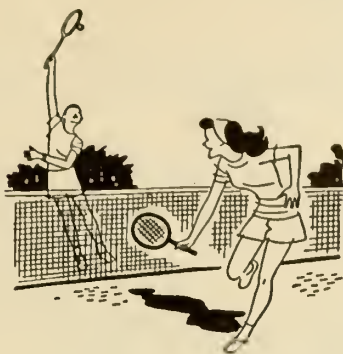
At the business meeting of the Alumni Association on Thursday, June 2, Daniel F. Lynch, '25, of Washington, D. C., past president of the American Dental Association, was elected President of the Alumni Association. Dr. Lynch has taken an active role in a movement to advance standards of dentistry throughout the world. He served as vice-president of the Federation Dentaire Internationale from 1947 to 1953 and was an official delegate to the International Dental Congresses in Vienna, Boston and London.

He is a fellow in dental surgery of the Royal College of Surgeons in England and holds honorary membership in dental societies throughout Central and South America, Europe, and Australia.

Dr. Lynch is a former president of the Pan American Odontological Society and was consultant in dentistry to the Coordinator of Inter-American Affairs. He has presented clinics before the American Dental Society of Europe in Stockholm, London and Lausanne, Switzerland, and has lectured extensively in South America.

During World War II, Dr. Lynch saw active service as a commander in the Navy Dental Corps and now holds

(Continued on next page)



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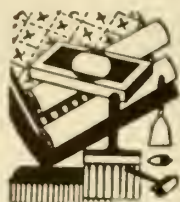
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a reserve commission. From 1949 to 1951, he was a member of the Armed Services Medical Advisory Committee to the Department of Defense and later was a member of the first Dental Advisory Committee to Secretary of Defense (1955-1957).

He is a member of Sigma Xi, honorary scientific society, Omicron Kappa Upsilon, honorary dental fraternity, Psi Omega Fraternity, the American Society of Oral Surgeons, the American College of Dentists, the International College of Dentists and numerous other dental societies.

Prior to being chosen president-elect of the American Dental Association in 1954, Dr. Lynch was the A.D.A. trustee from the Fourth District for six years. He also served as secretary of the A.D.A. Research Commission, forerunner to the Council on Dental Research, and as chairman of the Association's International Relations Committee, predecessor to the Council on International Relations. Additionally, he is a former president of the District of Columbia Dental Society.

"Dan," as he is popularly known, has always been actively interested in the Alumni Association and in the welfare and progress of his Alma Mater. Today he is actively engaged in his special practice of oral surgery with offices located at 1401-16th St. N.W., Washington, D. C.

College of

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PUBLICATIONS

Dr. James L. Hymes, Jr., Head of Childhood Education, is author of "Public Kindergartens" the NEA Elementary Instructional Service Publication just released this summer. This article tells why we should have public kindergartens.

Hooray For Chocolate and Other Easy to Read Jingles is a new book by Dr. Hymes and his wife, Lucia, with pictures by Leonard Kessling, published by William R. Scott, Inc., New York.

The Maryland Music Educators Association is sponsoring an inexpensive pocket-sized songbook (folk songs) for use in classroom and community singing. Mr. Herbert H. Henke, Professor in the Music Department, is chairman of the Committee in charge of selecting songs for this book. The Committee will welcome any contributions or suggestions of folk songs.

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Jean D. Grambs, Lecturer in Education, is author of "Understanding Intergroup Relations" in *What Research Says to the Teacher*, Series 21 from the Department of Classroom Teachers, American Educational Research Association of the National Education Association, June, 1960. In this article Dr. Grambs gives interpretations and recommendations regarding intergroup relations which she believes to be soundly supported by research.

TEACHING

Dr. Mary Lewis, Instructor in Education, conducted a course for teachers at the University in 1959, which resulted in work being done in language understanding. Mr. Albert Chakan, a teacher at Montgomery Blair High School was inspired to build a toy theater. These toy theaters, distributed through the Children's Museum of Washington, are being used as a media for lifting the children's language curtain around the world.

NEW APPOINTMENTS

Dr. J. Paul Anderson has been appointed Assistant Professor of Education to work in the field of secondary school administration and supervision and secondary education. Dr. Anderson received his B.S., M.A. and Ph.D. degrees from the University of Minnesota. He has been responsible for "The Report Card in Detroit Lakes," *Bulletin of the Minnesota Association of Secondary School Principals*, April, 1956, and "What Administration Practices Contribute to Better Principal-Faculty Relationships," *Bulletin of the National Association of Secondary School Principals*, April, 1958. As a part of his doctoral thesis he conducted a research on the influence of the degree of directedness on the part of the teacher on the teaching-learning situation. He has served on the Board of Directors for the Kiwanis Club in Detroit Lakes and for the Minnesota Association of Secondary School Principals. He has also been President of Western Division of Minnesota Principals Association; Phi Delta Kappa, Eta Chapter; and Park Brook Elementary PTA. He began his duties at Maryland on September 1, 1960.

Mr. William E. Bennett of New Britain, Connecticut, accepted the position of Instructor in Education to teach in the off-campus program in the elementary education area for the year beginning September 1, 1960. Mr. Bennett received his B.S. in Education from Georgia Teachers College in 1939 and his M.A. from Teachers College, Co-

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lumbia University, in 1947. He has taught in the public schools in Georgia, New York and New Jersey and for the period from 1950 to 1960 was with the Central Connecticut State College as Assistant Professor. Among his publications are *Childhood Education*, *Association for Child Education Intern*, *Hartford Times*, *Times Publishing Co.*, *Proceedings*, *International Reading Association*, and *Educational Leadership*, for Association of Supervision and Curriculum Development. Mr. Bennett will also be a doctoral candidate here.

Mr. Dale W. Brown will head the new program in Library Science as Assistant Professor of Education beginning February 6, 1961. Mr. Brown is currently Instructor of Library Education at Wayne State University, Michigan, and completing his requirements for the Ed.D degree at the University of Michigan. He received his A.B. from David Lipscomb College, his A.M. from George Peabody College for Teachers, his M.S. in L.S. from the University of Michigan. Mr. Brown has contributed to *Library Curriculum Guide*, *Elementary Libraries* in Detroit Public Schools.

Mrs. Alphoretta Fish has been appointed Instructor in the College of Education to work in the area of elementary education. This past year Mrs. Fish was employed for off-campus teaching through University College. She received her B.S. degree from State Teachers College, Edinboro, Pennsylvania, and her M.A. from Western Michigan University. She has contributed several articles to *School Science and Mathematics*. In addition, she has contributed to *The Science Teacher* and to *Materials for Reading* by Helen M. Robinson.

Dr. Jean R. Hebeler has been appointed as Assistant Professor and Coordinator of Special Education Programs. Last year she was Instructor at Syracuse University where she received her Ed.D. degree in August, 1960. Miss Hebeler has been working in the field of Special Education since 1952 in New York, Illinois and Utah. She received her B.S. from State University of New York College for Teachers and her M.S. from the University of Illinois. *Booklist for Children with Intellectual Handicaps* (Mimeo), University of Utah; *The Reasoning Methods and Reasoning Ability in Normal and Mentally Retarded Girls*, Syracuse University Research Institute; and *Survey of Certification Requirements for Teachers of Exceptional Children*, Syracuse University Press are three of her publications. She is conducting research presently with the Youth Development Center on a study related to juvenile delinquency. She is also working with members of the Syracuse University Research Institute on a need pattern of parents of mentally handicapped children.

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Mr. Irving W. Herrick who has been a Graduate Assistant in the Department of Industrial Education and is a candidate for the doctorate in that Department accepted an appointment as Instructor of Industrial Education which began September, 1960. Mr. Herrick received his B.S. degree from Gorham State Teachers College. From 1956 to 1959 he was a teacher at Francis Scott Key Junior High School, Baltimore, Maryland.

Dr. Roger R. Kelsey began duties as Lecturer in Education September 1. He will work in the field of Higher Education, particularly with NDEA Fellowships. Dr. Kelsey was Professor of Education at Kansas State Teachers College of Emporia the past year and previously was Associate Professor of Psychology and Assistant Professor of Education and Registrar. He was President of Grays Harbor College in Aberdeen, Washington, Dean of Duluth Junior College and had experience in high school teaching (Michigan) and junior high school teaching (North and South Dakota). He received his B.S. degree from St. Olaf College, his M.A. from the University of Minnesota and his Ed.D. from George Peabody College for Teachers. In addition to his experience at Kansas State Teachers College of Emporia he spent one year in Korea on the Peabody Contract with the ICA. Dr. Kelsey has published the following: *Fram, Fram, Christman*, Grossman, George Peabody College for Teachers; *Evaluation Techniques* (in Chinese and Korean), Century Education Research Institute; *High School and College Population Projections*, Kansas State Teachers College of Emporia; *Duluth Self-Rating Scale*, Duluth Public Schools; *Junior and Senior State Board English Exam*, State of Minnesota; *Occupational Status*, Peabody Journal of Education.

Dr. William J. Massey, Assistant Director of Remedial Education Center, Washington, D. C., has been appointed as Assistant Professor of Education in the field of elementary education to give special attention to remedial reading and a reading clinic. Dr. Massey received his A.B. from Louisiana State Normal College, his M.Ed. and his Ed.D. from the University of Missouri. Dr. Massey is responsible for the following publications: *Louisiana Schools*, "Teaching French in Elementary Schools," and "Does Your Know-How Exceed Your Do-How?," "Implications of a Changing Society for Present Practices in Reading Instruction in Remedial Teaching and Clinics," *Reading in a Changing Society*, IRA Conference Proceedings; "The Development of the Modern Word Perception as Revealed by the Literature," 1955, Doctoral Thesis.

(Continued on next page)

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Dr. Henry Mendeloff, Foreign Language Teacher at Eastern High School, Washington, D. C., has been appointed as Assistant Professor in the Department of Foreign Languages, College of Arts and Sciences and the College of Education. Dr. Mendeloff received his B.S. degree from the College of the City of New York with Cum Laude, Special Honors in Spanish; his M.S. degree from the same place and his Ph.D. degree from The Catholic University of America. The following publications are his: "See Not, Hear Not—Speak Not," *EADC Journal*; "Avoid the Professional-Inferiority Complex," *Modern Language Journal*; "El Circulo Espanol Shouldn't Move in Circles," *Modern Language Journal*; "The Walls Can Be Made to Speak," *Modern Language Journal*; "Grammar in Song and Verse," *Modern Language Journal*; "Protasis and Apodosis in La Celestina," *Hispania*; *The Evolution of the Conditional Sentence Contrary to Fact in Old Spanish*, The Catholic University of America Press. Dr. Mendeloff is past President of Sigma Delta Pi, National Spanish Honorary Society, also of D. C. Chapter of American Association of Teachers of Spanish and Portuguese.

Dr. E. Terry Schwartz, Assistant Professor of Education, Pennsylvania State University, assumed the position of Assistant Professor of Education, effective September 1, 1960, to work in the field of elementary education. Dr. Schwartz received her B.S. from West Chester State Teachers College, her M.S. from the University of Pennsylvania and her D.Ed. from Pennsylvania State University. She has been in the field of teaching since 1942. Presently she is conducting research on "The Significance of Self-Insight in the Learning Process of Pre-service Elementary Teachers." She served as Vice-President and Research Representative of the National Association for Student Teaching, Central Region.

Mrs. Kathryn E. Walker has been appointed to the joint placement position of the Executive Dean of Student Life and the College of Education as Coordinator, University Credentials Service. She will be responsible for Education Placement working with Dr. Marx and Mr. Knebel. She was employed in the Montgomery County Public Schools, Personnel Office, this past year and was previously on the staff of the Bureau of Recommendations of the University of Minnesota.

PROMOTIONS AND CHANGES OF PRESENT STAFF

Dr. Daniel A. Prescott has retired from position as Director of Institute for Child Study and will stay on in the



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Human Development Department as Professor of Education and Director Emeritus, Institute for Child Study.

Dr. H. Gertho Morgan, Professor of Education, Institute for Child Study, has been appointed as Director of the Institute for Child Study.

Dr. Mabel S. Spencer, Assistant Professor of Home Economics Education in the College of Education, has been promoted to Associate Professor of Home Economics Education.

Dr. Jacob D. Goering, Instructor of Education, Institute for Child Study, has been promoted to Assistant Professor of Education, Institute for Child Study.



Miss Ballou

CITED AS "OUTSTANDING"

Evelyn Fuller Ballou, '30, is this year's winner of the Corning Award as the Outstanding Medical Technologist of the Year. The award was presented to her at the 28th Annual Convention of the American Society of Medical Technologists at Atlantic City, New Jersey.

Miss Ballou is an administrative assistant at the Histopathology Laboratories, Armed Forces Institute of Pathology, Washington, D. C. She is also a supervisor of the Ophthalmic Laboratory Section of that organization.

CAREER AT AIRCRAFT ARMAMENTS

Wesley E. Baynes, Jr., '57, a graduate of the Education for Industry curriculum and a former member of the University of Maryland track team, has been associated with Aircraft Armaments, Inc., since the summer of 1956, when he was connected with the Super-

(Continued on next page)

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vised and Organized Work Experience Program. Wes joined AAInc.'s Personnel Division on a permanent basis upon his graduation and is now engaged in the company's Employment, Training, Safety, and First Aid Programs. He is active in the American Society of Training Directors, and is an officer of the Maryland Society of Training Directors. Wes is working towards a degree in Industrial Engineering in the Evening Division of the Johns Hopkins University. He resides with his wife, Ridgely, and daughter, Karen, in Loch Raven Village near Towson.

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Presley A. Wedding

STUDENTS ARE HOSTS

The Student Chapter of the American Society of Civil Engineers was host recently to the Maryland Section of the parent society. Dean Mavis was the principal speaker at a dinner in the University dining hall after which the "professionals" inspected the engineering classrooms and Civil Engineering laboratories where exhibits representing student work were on display. Earlier the same day the students were in turn guests of the Maryland Section on an inspection trip to Dulles International Airport under construction at Chantilly, Virginia. On this project, Bill Gable, '53, is resident engineer for C. J. Langenfelter and Sons, contractors. Other "old grads" encountered were Al Spamer, '51, Wesson Miller, '51, and Jim Crockett, '49. The latter is now with John E. Hanns and Associates, consulting engineers in Glen Burnie, Md. Also in attendance were Ed Giegler, '46, and Bill Kuehn, '55, both of whom are associated with Rummel, Klepper and Kahl, consulting engineers in Baltimore. Other Maryland alumni helping this firm to solve some of Baltimore's engineering problems are A. W. Noack, Jr., C. Robert Varndell, '47, D. W. Clern, '48, C. G. Clark, '50, Wm. Brzozowski, '57, and L. A. Spittel, '57.

JAMES BAMMERMAN VISITS CAMPUS

On June 13 Captain James W. Bammerman, M.E. (aero option) '52, visited Dean Mavis enroute to Arnold Engineering, Research Labs., Tullahoma, Tennessee, where he will be working. He was in research and development at Wright-Patterson AFB from 1952 until 1956. He has just returned from Hickham AFB in Hawaii where he had been stationed since 1956.

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MR. WILLS AWARDED FELLOWSHIP

Milton H. Wills, Jr., '58, has been awarded a fellowship by the Research Fellowship Foundation of the National Sand and Gravel Association and the National Ready-Mixed Concrete Association. The fellowship is awarded by the two associations to do graduate work in the field of Civil Engineering and to promote basic researches into the properties of mineral aggregates and concrete problems related to the sand and gravel and ready-mixed concrete industries.

Upon leaving the University in '58, Wills entered the Air Force and served at Wright-Patterson and Ernest Harmon Air Force Bases. He held the rank of 1st Lieutenant at the time of his recent separation from the service.

MR. SCHLIMM AWARDED M.S. DEGREE

Gerald H. Schlimm, C.E., '57, has been awarded the degree Master of Science by the Newark College of Engineering.



Mr. Doyle

MR. DOYLE PROMOTED

John T. Doyle, '33, Assistant to the Vice President of Shell Oil Company's Pacific Coast Area, has been named manager of the company's gas utilization department in New York. Doyle joined Shell in 1933 as an engineer trainee in San Francisco following his graduation from the University of Maryland.

He subsequently held engineering positions in Long Beach, Ventura and Bakersfield and in 1947 was named technical assistant to the Executive Vice President in San Francisco. He returned to Los Angeles later that year as Assist-

(Continued on next page)

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ant Manager of the gas department and was promoted to manager of the department in 1952. He assumed his present position in 1958.

RESEARCH BOOKLET ISSUED

Under the editorship of W. Phillip Reese, Aero. E., '60, the student chapter of the Institute of Aeronautical Sciences has issued in booklet form abstracts summarizing 13 elective research projects in which 25 senior students took part under the general guidance and direction of the Aeronautical Engineering Department staff.

MR. DENNES ACTIVE IN RESEARCH

A. R. T. Dennes, '40, Ph.D. in Chem. Engineering, is now associate director of the Sloan-Kettering Cancer Institute in New York. Dr. Dennes was a major in the Chemical Corps in World War II at which time he was awarded the Legion of Merit for his part in developing a chemical mortar.



Col. Harmon

COL. HARMON AT MARIETTA

Lt. Colonel William A. Harmon, '35, has assumed duties as the new Air Force plant representative at the Marietta, Georgia, aircraft plant operated by Lockheed Aircraft's Georgia Division for the U. S. Air Force. Prior to moving to Marietta, Colonel Harmon was stationed for the past three years at the Aeronautical Systems Center, Air Materiel Command, as chief of the Transport Buying Division. This is located at Wright-Patterson Air Force Base, Ohio.

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In addition to his engineering degree, Colonel Harmon holds a law degree from St. John's University, Brooklyn, New York. His civilian experience includes six years patent law with International Business Machines.



Mr. Lewis

LEWIS NAMED MANAGER

William H. Lewis, '25, has been named Division Manager in charge of all marine sales by Lake Shore, Inc., large manufacturer of auxiliary marine equipment at Iron Mountain, Michigan. In the new post he will be in charge of all domestic sales of Lake Shore's line of winches, cranes, windlasses and related deck gear.

Mr. Lewis, who has been marine sales manager for the company, will maintain offices at the company's offices in Iron Mountain. He has been associated with Lake Shore for 17 years in marine sales assignments.

LABORATORY RECRUITS MARYLAND GRADUATES

James Clifford, college recruiting administrator for Vitro Laboratories of Silver Spring recently announced the hiring of 31 college graduates as a result of a hiring program launched last October.

Local colleges visited were the University of Maryland, George Washington University, Catholic University, and Johns Hopkins University. Eight students were recruited from the University of Maryland, which yielded a higher number than any other school on the list.

In its search for young science-minded individuals, the lab considered four factors according to Mr. Clifford. These were: potential, personality, grades, and student interest.

(Continued on next page)

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WHEREABOUTS

Richard L. Schafer, E.E. '51, has been promoted by the International Minerals & Chemical Corporation to Building Superintendent of the Research and Administrative Center in Skokie, Illinois.

Richard H. Brierley, Ch.E. '59, has joined the research department of Monsanto Chemical Company's Lion Oil Company Division. He is employed at the Texas City, Texas, plant.

MR. McFALL HEADS LITTON DIVISION

Russell W. McFall, '43, was recently featured by the Washington, D. C., *Evening Star*. Mr. McFall, who heads Litton Industries' Maryland Division, was an honor student while an undergraduate and a member of Phi Kappa Phi. He spent 15 years with General Electric Company before taking over the newly-formed Maryland Division of Litton in 1958. The Division was formed by a merger of two independent concerns and Mr. McFall's original management problem was creating a single unit from the two. Since the merger, the Maryland Division has increased its line of specialty products from three to ten, and concentrates on continuous development of new products. Nearly all of the Division's business is with the Federal Government, chiefly the Department of Defense.

CAREER AT AIRCRAFT ARMAMENTS

John C. Bowers, B.S. in C.E. '52, joined Aircraft Armaments, Inc., in 1956 after serving two years with the U. S. Army. Prior to his military service, he had been employed as a Stress Engineer by The Martin Company. He is currently a Design Engineer in AAI Inc.'s Mechanical Engineering Department where he has made substantial contributions to the analysis and design of High Speed Research Rocket Sleds. He is pursuing graduate studies at the Evening Division of Johns Hopkins University. Mr. Bowers resides with his wife, Joan, and his son, J. Keith in Towson, Maryland.

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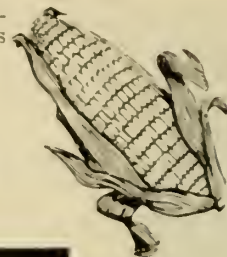
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FLORENCE REID CONTINUES GOOD CITIZENSHIP

Florence Waldman Reid, recipient of the good citizenship prize in her senior year at Maryland, continues her role as a top-notch citizen. Mrs. Reid has served on the Orange County, Virginia, School

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Board for the past six years, and was elected President of the Board this year. Her interest in education is many sided—as the mother of two daughters, one a student at Bryn Mawr, the other a senior at Orange County High School, as an active PTA member and as a teacher of developmental reading at Woodberry Forest School.

HELEN HABICH ON TRIP TO EUROPE

Helen Beyerle Habich toured Europe with the Telephone Pioneers of America this spring. France, Italy, Germany, Holland and England were visited.

HOME EC GRADUATE IN NEW JERSEY

Judith Ann Habich, '58, is assistant dining service supervisor with the New Jersey Bell Telephone Company.

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FACULTY APPOINTMENTS

John W. Ester was recently appointed to the Law faculty as an Assistant Professor. He is a graduate of Pasadena College and holds the degrees of Doctor of Jurisprudence from Willamette University and Master of Laws from the University of Illinois. During the past year he has been a teaching assistant at the University of Illinois College of Law. He is a member of the California bar and of Delta Theta Phi legal fraternity.

Robert Whitman has also been appointed Assistant Professor of law. He is a graduate of the College of the City of New York and of Columbia University School of Law, where he was an editor of the Columbia Law Review and a Harlan Fiske Stone scholar. He was a teaching associate at Columbia University School of Law during the past year and is a member of the New York bar.

J. S. BECKER NAMED GENERAL MANAGER

J. Stephen Becker, '37, has been named general manager of the *Baltimore News-Post* and *Sunday American* by Fred I. Archibald, publisher.

(Continued on next page)

A. H. SMITH

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BETHESDA, MD.

Mr. Becker, who has worked on these newspapers since his school days, is a graduate of Loyola College in Baltimore. He became foreman in the mailroom after his graduation and studied law at night at the University of Maryland. He entered the papers' business office in 1939 and became assistant business manager in 1947.

Mr. Becker is a past president of the Maryland Press Association and a member of the Baltimore Country Club and the Advertising Club of Baltimore.

DENMEAD CITED

Talbott Denmead, '00, was recently named Conservationist of the Year for 1959-60. Mr. Denmead has been actively engaged in conservation since the time of his graduation. He first served the State of Maryland, and in 1921 was appointed Deputy Chief United States Game Warden. He has also held the position of Assistant United States Game Conservation Officer. In 1941 he was placed in charge of the Section of Importations and Permits in the Division of Game Management, a position requiring world-wide knowledge of exotic species of birds and animals. Mr. Denmead retired in 1947 after being with the U. S. Fish and Wildlife Service for 26 years, 28 days. He became Assistant Public Relations Director and Editor for the Maryland Game and Inland Fish Commission in 1948, serving that body for ten years.

In citing Mr. Denmead's long and outstanding service as a conservationist, Ross Leffler, Assistant Secretary of the United States Department of the Interior, stated: "I have known Mr. Denmead for a great many years and he has done an outstanding conservation job and certainly deserves recognition. I would know of no one in the United States who would be more deserving of this honor."

YOH0 ELECTED

Bill L. Yoho, '53, was recently elected President of the College Park Junior Chamber of Commerce. Mr. Yoho is also first Vice President of the College Park Lions Club.

GOLDMAN HEADS WELFARE DIVISION

Robert M. Goldman, '41, is one of three new Chairmen heading up new divisions within the Health and Welfare Council of the Baltimore area. Mr. Goldman has taken charge of the Public Information Division.

The Health and Welfare Council, an association of voluntary and tax-supported agencies, serves the community through cooperative study, planning and implementation. Mr. Goldman has also served as vice president of the Council.

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DR. REIBLICH CONSULTANT

Dr. G. Kenneth Reiblich, Professor of Law, is acting as adviser and consultant to two firms which are producing a 25-volume Maryland Law Encyclopedia. The first volume has been published and 24 volumes will appear within two years.

Dr. Reiblich is also engaged in editing a revision of the Penal Code of Maryland for the Maryland Self-Survey Commission.

CALHOUN TAKES OVER FUND

Governor Tawes recently appointed John C. Calhoun, '50, as Manager of the Unsatisfied Claim and Judgment Fund. He was formerly Assistant Manager of the Fund, and succeeds Dan M. Vann, who died recently of a heart ailment.

CAREER AT AIRCRAFT ARMAMENTS

Thomas J. Holden (LL.B. '54) joined Aircraft Armaments, Inc., in 1954 after having gained legal and engineering experience with Bendix Radio, The Martin Company and Phebeco, Inc. Mr. Holden, who has been Chief of AALnc.'s Contracts and Legal Division, was recently appointed Secretary of the Corporation on May 18, 1960. Mr. Holden was married July 23, 1960 to the former Miss Nancy A. Morrison, and resides in the Guilford section of Baltimore.

School of MEDICINE

Dr. John Wagner

ALUMNI NOTES

Captain Harry H. Herbst, '55, recently completed the military orientation course at Brooke Army Medical Center, Fort Sam Houston, Texas. He received training in the treatment of battle injuries, care of personnel suffering from combat exhaustion, and preventive medicine procedures used to detect health hazards and avoid epidemics.

Dr. Richard Belgrad, '56, has been appointed a fellow in radiology in the Mayo Foundation at Rochester, Minnesota.

Dr. Harvey R. Butt, Jr., '57, has returned to Maryland after completing a residency in anesthesiology at Ohio State University. He and his wife Barbara are living in Annapolis.

Dr. Walter B. Yost, Class of '94, has written recently to say that he is now living in the Masonic Home, St. Louis, Missouri. He practiced medicine in St. Louis for more than fifty years, retiring

(Continued on next page)



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in 1955. Dr. Yost reports that he plays golf and takes walks every day.

Dr. Richard G. Farmer, '56, was awarded the degree of Master of Science in medicine from the University of Minnesota on July 14, 1960. Dr. Farmer has completed a fellowship in the Mayo Foundation, Rochester, Minnesota, and has entered the Medical Corps of the United States Navy.

GRANTS FOR RESEARCH

The Psychiatric Institute has been awarded a National Institute of Mental Health grant for \$32,685 to support the initial phase of a project entitled "The public health nurse in psychiatric care and prevention of mental illness."

The project, which will be directed by Dr. Gerald D. Klee, Assistant Professor of Psychiatry and Director of the Psychiatric Institute's adult outpatient service, is designed to explore more practical, extensive, and economical approaches to the outpatient care of emotionally disturbed people.

In emphasizing the urgent need for such a program, Dr. Eugene B. Brody, Professor of Psychiatry and Director of the Psychiatric Institute, explained that existing medical schools cannot train enough psychiatrists to meet the needs of the rapidly growing population. Further, he says, patients who do not respond readily to conventional forms of psychotherapy, as sometimes happens in lesser privileged socioeconomic groups, still need help that could be given them by nurses trained in mental health.

The School of Medicine has been awarded a grant of \$9,720 for study of the relationship between adrenal cortical hormones and cancer. The work will be under the direction of Dr. Harlan I. Firminger, Head of the Department of Pathology. The project is an attempt to determine which of the many hormones produced by the adrenal cortex are most effective in preventing cirrhosis and cancer of the liver in rats fed cancer-inducing chemicals along with their food. It is hoped that the findings may shed light on the basic disease process in man.

The Department of Pathology has been awarded a \$10,000 grant from the United States Atomic Energy Commission to purchase radioisotope equipment for use in the department's training program in experimental pathology. With the aid of the new equipment, the training program director, Dr. Lester Kiefer, plans to expand the course to include study of the biological effects of radiation.

EDITORS OF NEW DIGEST

Two faculty members of the School of Medicine—Dr. Russell S. Fisher, Chief Medical Examiner of the State of Mary-

land and Head of the School's Division of Forensic Pathology, and Dr. Manfred S. Guttmacher, Chief Medical Officer of the Supreme Bench of Baltimore and Associate Professor of Psychiatry at the Medical School—are board members of a newly launched publication, *Medico-legal Digest*, the first to focus upon major common concerns of the professions of medicine and the law.

The first issue of the new journal features articles on such subjects as artificial insemination, third party medicine, the doctor as a witness, and medicolegal aspects of space flight. The magazine is distributed as a service to family doctors and specialists in private practice.

DR. WAGNER VISITS LONDON

Dr. John A. Wagner, Professor of Neuropathology, spent three weeks in Germany and England this summer as a representative of the University's Medical School at the International Academy of Pathology in London. He also attended the centennial celebration of the National Hospital for Nervous Diseases in London.

FACULTY APPOINTMENT

Dr. Patrick B. Storey, Director of Professional Services at the Veterans Administration Hospital, has been appointed Associate Professor of Medicine at the School of Medicine. He will be associated with the division of pulmonary diseases and will also be chairman of the University's Postgraduate Committee and director of its program.

Dr. Storey is a graduate of Georgetown University School of Medicine. He received his training in pulmonary diseases and internal medicine at D. C. General Hospital.

School of

NURSING

Lillie M. Largey

RESEARCH GRANT

The School of Nursing has been awarded a \$73,087 grant from the National Institute of Mental Health. The funds will be used to support graduate training in psychiatric nursing. The grant will permit expansion of the faculty in psychiatric nursing and will also include trainee stipends, to cover students' tuition and fees.

(Continued on next page)

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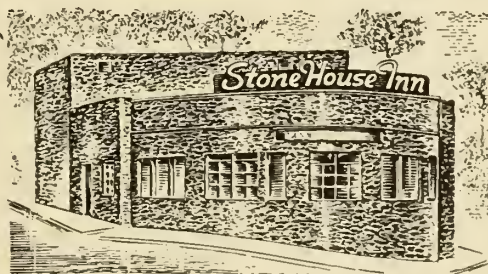
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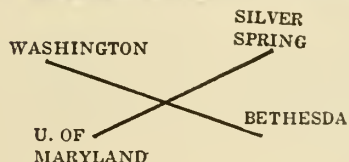
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MISS BARNETT HEADS NURSES

Virginia Barnett, who recently received a Master of Science degree from the School of Nursing, has been appointed Director of Nurses at Milford Memorial Hospital, Milford, Delaware.

Miss Barnett is a graduate of the Church Home Hospital School of Nursing, and received her Bachelor of Science degree from the University of Maryland School of Nursing.

School of

PHARMACY

Dr. Norman J. Doorenbos

GRADUATING CLASS

Dean Noel E. Foss announced the graduation of the following 42 seniors from the School of Pharmacy this year:

Attison L. Barnes, Jr., Stanley H. Belford, Jerome A. Berger, Jerome H. Clayman, Nancy C. Conklin, Joseph W. Davies, Louis J. Friedman, Henry J. Glick, Ronald Goldner, Martin D. Grebow, Joseph G. Handelman, Marta Hoffman, Leonard Horwits, John T. Jordan, Fern E. Kenney, Ronald H. Kronsberg, Toon Lee, Joseph H. Lerner, Irvin I. Levin, Samuel Lichter, Howard M. Minster, Joseph H. Morton, Anthony M. Palmere, Richard M. Pilquist, Alfred C. Plempel, Irving J. Raksin, Harvey M. Rapkin, Theodore L. Raschka, M. David Richman, Leonard J. Sadowski, Peter P. Scali, Morton J. Sclar, Martin C. Shargel, Allan R. Sherr, Bernard E. Sherr, Esther H. Shpritz, Larry A. Snyder, Kenneth E. Stank, Elliot S. Tokar, Jessie L. Tracey, Albert H. Warfield, John D. Warthen, Jr.

Dean Foss announced that the following students have completed the requirements for graduate degrees:

Master of Science: Su Chien Chen, Carl L. Heifetz, Stonewall King, Thaddeus P. Pruss, Patrick W. Ragozzino, V. B. Cropal Shenoy; Doctor of Philosophy: Chien Li Huang.

The following awards were presented to members of the graduating senior class.

Gold Medal for General Excellence awarded to *Martin Chaim Shargel*; Certificates of Honor to holders of next highest average: Morton David Richman, John David Warthen, Jr., Ronald Goldner.

The Kappa Chapter, Alpha Zeta Omega Fraternity Prize, to a senior student for proficiency in pharmacology, awarded to: *Henry Joseph Glick*.

The Andrew G. DuMez Memorial Prize, a gold medal for superior proficiency in pharmacy, awarded to: *Henry Joseph Glick*.



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The David Fink Memorial Prize, to a senior student for proficiency in the general practice of pharmacy, awarded to *Ronald Goldner*.

Epsilon Alumnae Chapter, Lambda Kappa Sigma Sorority Prize, to a senior student for proficiency in pharmacy administration, awarded to *Irvin Isaac Levin*.

The Phi Beta Chapter, Phi Sigma Delta Fraternity Prize, to a member of the senior class who has exhibited the most outstanding qualities of character and leadership during the time spent in college, awarded to *Martin Chaim Shargel*.

The William Simon Memorial Prize, for superior proficiency in the field of practical and analytical chemistry, awarded to *Morton David Richman*.

The Conrad L. Wich Pharmacognosy Prize, for exceptional work throughout the course in pharmacognosy, awarded to *Joseph Herman Lerner*.

The L. S. Williams Practical Pharmacy Prize, to the senior student having the highest general average throughout the course in practical and dispensing pharmacy, awarded to *Morton David Richman*.

The Merck Award to an outstanding student in pharmacy, awarded to *Irvin Isaac Levin*.

The Merck Award to an outstanding student in pharmaceutical chemistry, awarded to *John David Warthen, Jr.*

The Bristol Laboratories, Inc., Award to the senior student who has contributed most to pharmacy through extra-curricular activities, awarded to *Samuel Lichter*.

The Rexall Drug Company Award to the senior student who has demonstrated outstanding qualities of both leadership and scholarship, awarded to *Ronald Goldner*.

Certificates of Honorable Mention to first three junior students having the highest general averages were awarded to *June Eng*, *Walter Walkling* and *Vito Tinelli, Jr.*

Alumni Association
School of PHARMACY
University of Maryland

B. Olive Cole, Chairman
Publications Committee

Another first for the pharmacists of Maryland was recorded when the Alumni Association of the School of Pharmacy of the University of Maryland used the new Student Union Building of the professional schools of the University for the first time for their 35th annual banquet and dance June 2.

(Continued on next page)

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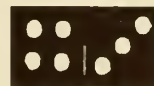
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More than 400 persons attended, including the graduates of 1960, their ladies and escorts, who were the guests of the Alumni Association. In addition many parents of the graduates—five tables of 10 each—attended, which added to the pleasure of the graduates.

The invocation and benediction were pronounced by Father Stanley Wlodyka, O.S.M. Conv., Guardian and Director of St. Anthony Mission House, Glenelg, Maryland.

President Victor H. Morgenroth, Jr., welcomed the graduates, parents, members of the faculty, guests and friends and presented Mr. Paul A. Pumpian, Class of 1950, now Secretary of the Wisconsin State Board of Pharmacy, as Toastmaster.

Mr. Pumpian responded with his personal greetings and presented the guests of the Association, with appropriate statements of their accomplishments and relation to the Association and other allied groups.

Dr. Albin O. Kuhn, Executive Vice-President of the University of Maryland, brought greetings from the University and responded with a timely address. His participation in the program was appreciated by the Association.

Mr. David L. Brigham, Executive Secretary of the General Alumni Association of the University of Maryland, brought greetings to the 1960 graduates, and gave an inspiring address.

President Morgenroth summarized the activities and success of Mr. Ellis B. Myers, Class of 1928, in his splendid work for pharmacy and presented him with the Honored Alumnus Award of 1960. Mr. Myers responded and expressed his appreciation of the honor.

Mr. Emory G. Helm, Honorary President of the Association, died soon after his election to the office, and the Honorary President's Award was presented to his daughter—Miss May Helm.

The graduates of 1910 were seated at a special table and received certificates denoting graduation 50 years ago from the School of Pharmacy. Dr. Frank P. Firey of Portland, Oregon, was in attendance and received a certificate of graduation in 1905—55 years ago.

Several other class groups of graduates of different years were recognized.

A surprise presentation was that of the plaque prepared for Mrs. Frank M. Budacz, who was the efficient Treasurer of the Association for twenty-three years.

Dean Noel E. Foss presented the 1960 graduation class. Richard Pilquist, President of the 1960 class, responded. The members of the class have been elected to membership in the Alumni Association.

The officers for 1960-61 were installed, with Irving I. Cohen as President and Mrs. Frank M. Budacz as Honorary President.

Mr. Victor H. Morgenroth, Jr. was presented with the Past President Award by President Irving I. Cohen.

The beautiful flowers were by Hahn & Hahn in memory of Doctors Chas. C. Neal, E. Frank Kelly and Andrew G. DuMez.

The cigars were from Schafer-Pfaff. The music for the dinner and dance was by Miguel Vegas and his orchestra.

The consensus of opinion was that the first dinner served in the Baltimore Student Union Building was a signal success, and the committee which planned and worked untiringly to make the affair a success deserved the praise and commendation of those who enjoyed the occasion.

Perhaps in the year 2010 at an alumni banquet of the School of Pharmacy, a group which enjoyed the 1960 occasion will meet to reminisce and receive 50 year certificates.



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DUPUIS DIRECTS ATLANTIC DIVISION

George J. Dillavou, Director of the Atlantic Division of the Overseas Program, recently resigned to become Associate Director of the Center for the Programs in Governmental Administration at the University of Chicago.

Bernard E. Dupuis, who has been teaching in the Atlantic Division and is himself a former overseas student, has replaced Mr. Dillavou as Director of the Atlantic Division at College Park.

Dupuis has made a full circle in his relationships with the University of Maryland. He was previously an administrator in the program in which he first enrolled as a student and later served as a teacher.

In the fall of 1958, Dupuis joined the Atlantic Division as a lecturer in government and politics and history. He taught at Bermuda, Goose Bay, and two terms at Pepperrell; he was one of the first two faculty members in the Azores when the Maryland program first started there last fall.

Recent graduation ceremonies have involved a number of service personnel who previously graduated from the University of Maryland's College of Special and Continuation Studies.

Army Lt. Colonel Donald E. Miller, '56; Army Major Eric O. A. Miller, Jr., '59; Army Lt. Colonel William D. Van Buskirk, '59; Army Lt. Colonel William L. Bost, '59; and Army Captain Alvin E. Adkins, '58, all recently graduated from the Command and General Staff College at Fort Leavenworth, Kansas. The 38-week course is designed to prepare officers for duty as commanders and general staff officers at division, corps, and field army levels, including their logistical systems, the communications zone and its subordinate elements and the theater army personnel replacement systems.

Army Captain John P. Hill, '58, recently completed the military police officer advanced course at the Provost Marshal General's School, Fort Gordon, Georgia.

Army Captain Herbert W. Kress, '59, completed the motor transport operations and maintenance course at the Army Transportation School, Fort Eustis, Virginia.

Marine Captain James S. Furst, '58, received an M.A. degree in Public Administration at the commencement ceremonies of the American University, Washington, D. C. Captain Furst retired from the Marine Corps on September 1, 1960, after 23 years of active duty. He is planning to go into city management in California.

MEDAL TO CAPTAIN COOK

The Air Medal (third Oak Leaf Cluster) was recently awarded to Air Force Captain Gerald E. Cooke, '59, Executive Officer of the Minuteman Program Office at the Air Force Ballistic Missile Division, Los Angeles.

In recognition of meritorious achievement while participating in aerial flights during 1955, the citation read: "The effectiveness and courage exhibited by Captain Cooke in the accomplishment of these missions under extremely hazardous flight conditions, ably demonstrated his outstanding proficiency and steadfast devotion to duty."

CAPTAIN MARKS IS AIDE DE CAMP

Army Captain Raymond A. Marks, '50, has been assigned to Headquarters First U. S. Army as Aide de Camp to Major General Willis S. Matthews, the Deputy Commander for Reserve Forces.

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		Wm. F. Myers Sons	54	Thomson Steel Co.	41
Davidson's Transfer & Storage Co.	31			Town Hall Tavern	55
F. A. Davis & Sons	42	McCormick & Co., Inc.	56	Outside Back Cover	
D. C. Ignition Headquarters, Inc.	52	McCormick Asbestos Co.	56	Vermont Federal Savings & Loan Assoc.	42
Del Haven White House Motel	38	McLeod & Romborg Stone Co., Inc.	39		
J. H. DeVeau & Sons, Inc.	59			Wallbrook Mill & Lumber Co.	48
Deitrich & Gambrill, Inc.	53	National Bank of Cambridge	46	Wallop & Son, Insurance	35
Deitrich Bros., Inc.	33	National Equipment and Supply Co.	59	Warner's Mens Wear	29
The Diplomat Motor Hotel	45	New China Inn	24	Washington Gas Light Co.	40
Domino Restaurant	57	Norman Motor Co.	45	Washington Wholesale Drug Exchange, Inc.	40
Dyson's Meat Supply Co.	30	Normandy Farms	23	Washington Woodworking Co., Inc.	44
		North Washington Press, Inc.	44	J. E. Wells Co., Inc.	46
		Noxema Chemical Co.	31	Western Exterminating Co., Inc.	34
Electronic Wholesalers, Inc.	43			Westinghouse Electric Corp.	20
Erkassy Dairy	51	Occidental Restaurant	22	Wheeler, Inc.	39
		C. C. Oliphant & Son, Inc.	47	White & Leonard	47
Farmers' Cooperative Association	53	Oles Envelope Corp.	29	White Rice Inn	56
J. H. Filbert, Inc.	48	Ortney Inn	36	Wilkins Coffee Co.	55
First Federal Savings and Loan Assoc.	30	Olsen Equipment Co.	59	Perry O. Wilkinson, Insurance	44
First National Bank of Baltimore	26	Ottenberg's Bakers, Inc.	52	Williams Construction Co.	58
Ford Motor Co., Ltd.	37			Carl J. Williams and Sons	47
Fraternity Federal Savings and Loan Assoc.	48	Palmer Ford, Inc.	43	J. McKenny Willis	47
S. A. Foss and Co.	30	Park Transfer Co.	35	W. R. Winslow Co.	36
Frederick Construction Co.	57	Peabody Conservatory of Music	29	Worcester Fertilizer Co.	47
Frederick Underwriters, Inc.	53	R. B. Phelps State Co.	33	World Wide Travel Service	24
Fuller & d'Albert, Inc.	56	Jimmy Porter (T. A. Kiernan's)	44	Wye Plantation	46
		James Posey & Associates	42		
Gray Concrete Pipe Co.	54	Puritan Compressed Gas Corp.	42	Yerk Wholesalers, Inc.	57
M. J. Grove Lumber Co.	57			Duke Zebert's Restaurant	44
A. G. Goss Co.	28	Quaint Acres Nursery	58		



Patricia Messer, Class of '61, in main food preparation kitchen of College of Home Economics.

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